11-5820-461-20P

TM 11-5820-461-20P

TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS

FOR

RADIO SETS

AN/GRC-50(V)1 (NSN 5820-00-892-3851)
AN/GRC-50(V)2 (NSN 5820-00-892-3852)
AN/GRC-50(V)3 (NSN 5820-00-892-3853)
AN/GRC-50(V)4 (NSN 5820-00-892-3854)
AN/GRC-50(V)5 (NSN 5820-00-892-3855)
AN/GRC-50A(V)1 (NSN 5820-00-933-6193)
AN/GRC-50A(V)2 (NSN 5820-00-933-6192)
AN/GRC-50A(V)3 (NSN 5820-00-933-6191)
AN/GRC-50A(V)4 (NSN 5820-00-933-6190)
AN/GRC-50A(V)5 (NSN 5820-00-933-6189)
AN/GRC-50A(V)6 (NSN 5820-00-936-5480)
AN/GRC-50A(V)7 (NSN 5820-00-936-5481)
AN/GRC-50A(V)8 (NSN 5820-00-935-0089)
AN/GRC-50A(V)9 (NSN 5820-00-878-8635)
AN/GRC-50A(V)10 (NSN 5820-00-878-8634)

AND

AN/GRC-50A(V)11 (NSN 5820-00-136-4966)

HEADQUARTERS, DEPARTMENT OF THE ARMY

8 FEBRUARY 1980

D101.11:

READEX FICHE best copy available

TECHNICAL MANUAL
No. 11-5820-461-34P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, *8 February 1980*

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS FOR

RADIO SETS
AN/GRC-50(V)1 (NSN 5820-892-3851)
AN/GRC-50(V)2 (NSN 5820-00-892-3852)
AN/GRC-50(V)3 (NSN 5820-00-892-3853)
AN/GRC-50(V)4 (NSN 5820-00-892-3854)
AN/GRC-50(V)5 (NSN 5820-00-892-3855)
AN/GRC-50A(V)1 (NSN 5820-00-933-6193)
AN/GRC-50A(V)2 (NSN 5820-00-933-6192)
AN/GRC-50A(V)3 (NSN 5820-00-933-6191)
AN/GRC-50A(V)4 (NSN 5820-00-933-6190)
AN/GRC-50A(V)5 (NSN 5820-00-933-6189)
AN/GRC-50A(V)6 (NSN 5820-00-936-5480)
AN/GRC-50A(V)7 (NSN 5820-00-936-5481)
AN/GRC-50A(V)8 (NSN 5820-00-935-0089)
AN/GRC-50A(V)9 (NSN 5820-00-878-8635)
AN/GRC-50A(V)10 (NSN 5820-00-878-8634)
AND
AN/GRC-50A(V)11 (NSN 5820-00-136-4966)

Current as of 13 September 1979

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.

In either case a reply will be furnished direct to you.

*This manual supersedes so much of TM 11-5820-461-25P, 25 May 1966, and TM 11-5820-461-24P-1, 5 November 1976 as pertains to organizational maintenance repair parts and special tools list.

Table of Contents

			Page	Illus. Figure
SECTION	I.	Introduction	1	
	II.	Repair parts list	5	
GROUP	00	Radio Sets AN/GRC-50(V)1 thru 5, and AN/GRC-50A(V)1 thru 11	5	1
	01	Receiver, Radio R-1148(P)/GRC and R-1331(*)(P)/GRC(3)	9	2-8
		0101 Amplifier-Converter AM-1955(*)/GRC(3A1)	23	9, 10
		010101 1st IF subassembly (3A1A1)	27	11
		0102 Amplifier-Converter AM/1956(*)/GRC(3A2)	29	12, 13
		010201 1st IF subassembly (3A2A1) (Same as group 010101)		
		0103 Receiver base band assembly (3A3)	33	14
		0104 Receiver AFC assembly (3A4)	35	15
		0105 Receiver 2nd IF assembly (3A5)	37	16
		0106 Receiver-signal unit (3A6)	39	17
	02	Transmitter, Radio T-893(P)/GRC(2)	41	18-22
		0201 Transmitter base band assembly (2A3)	51	23
		0202 Transmitter AFC assembly (2A4) (Same as group 0104)		
		0203 Transmitter modulator assembly (2A5)	53	24
		0204 Transmitter regulator assembly (2A6) (No parts authorized)		
		0205 Amplifier-Oscillators AM-1957/GRC(2A1) or AM-1958/GRC or AM-1958A/GRC(2A2)	55	25-29
	03	Dummy Load, Electrical DA-189/G (No parts authorized)		
	04	Power Supply PP-2054(*)/GRC	65	30-33
	05	Regulator, Voltage CN-514/GRC(10)(11)	73	34, 35
	06	Switch Box SA-640/U	77	36
	07	Holder, Hand Set MT-2161/U	79	37
	08	Accessory Bag BG-102A (5MP2) (No parts authorized)		
	09	Antenna AT-903/G (1) (See TM 11-5820-517-14P for parts)		
	10	Mast AB-577/GRC(9) (See TM 11-5820-538-12 for parts)		
	11	Hand Set H-156/U (5HS1) (No parts authorized)		
	12	Case, Standardized Component CY-2582 (7) (No parts authorized)		
	13	Case, Standardized Component CY-2583 (8) (No parts authorized)		
	14	Cable assemblies (No parts authorized)		
SECTION	III.	Special tools list (Not applicable)		
	IV.	National stock number and part number index	80	

SECTION I

INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational maintenance of the AN/GRC-50(V)1 through 5 and AN/GRC-50A(V)1 through 11. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

b. Section III. Special Tools List. Not applicable.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code *Definition*

PA—Item procured and stocked for anticipated or known usage.

PD—Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.

XD—A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(*a*) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code *Application/Explanation*

O—Support item is removed, replaced, used at the organizational level.

(*b*) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code *Application/Explanation*

H—The lowest maintenance level capable of complete repair of the support item is the general support level.

D—The lowest maintenance level capable of complete repair of the support item is the depot level.

Z—Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR

Code format as follows:

Recoverability codes	*Definition*
Z—	Nonreparable item. When unserviceable, condemn and dispose at the level, indicated in position 3.
H—	Reparable item. When uneconomically reparable, condemn and dispose at the general support level.
D—	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L—	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.

c. National Stock Number. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

4. Special Information

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	*Used on*
3HG	AN/GRC-50(V)1
3HH	AN/GRC-50(V)2
3HI	AN/GRC-50(V)3
3HJ	AN/GRC-50(V)4
3HK	AN/GRC-50(V)5
3HL	AN/GRC-50A(V)1
3HM	AN/GRC-50A(V)2
3HN	AN/GRC-50A(V)3
3HO	AN/GRC-50A(V)4
3HP	AN/GRC-50A(V)5
5GC	AN/GRC-50A(V)6
5GD	AN/GRC-50A(V)7
5GE	AN/GRC-50A(V)8
5GF	AN/GRC-50A(V)9
5GG	AN/GRC-50A(V)10
CJN	AN/GRC-50A(V)11

b. The following publications pertain to the AN/GRC-50(V)1 thru 5 and the AN/GRC-50A(V)1 thru 11 and their components:

TM 11-5820-461-12, Radio Sets AN/GRC-50(V)1, 2, 3, 4, and 5, and Radio Sets AN/GRC-50A(V)1, 2, 3, 4, 5, 6, 7, 8, 9, 10, and 11

TM 11-5820-517-14P, Antenna AT-903/G

TM 11-5820-538-12, Mast AB-577/GRC and Extension Kit, Mast MK-806/GRC

TM 11-6110-245-15, Voltage Regulator CN-514/GRC

c. The illustrations in this manual are identical to those published in TM 11-5820-461-34P. Only those parts assigned the third position SMR maintenance code "C" or "O" are listed in the tabular listing; therefore, there may be a break in the item number sequence. Only illustrations containing organizational authorized items appear in this manual.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known.

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphamerc sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.

(Next printed page is 4.1)

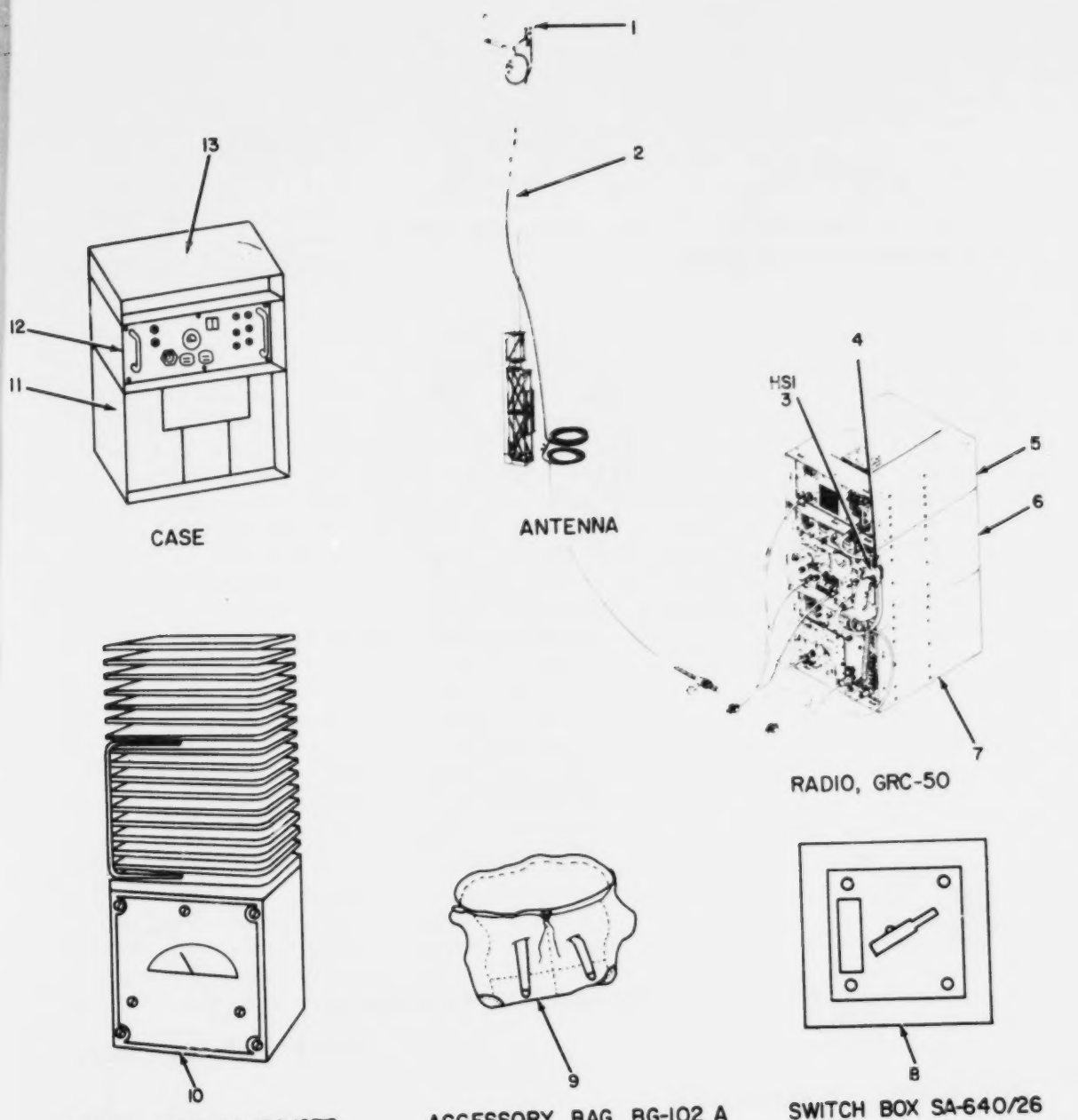


Figure 1. Radio Sets AN/GRC-50(V)1 thru 5, and Radio Sets AN/GRC-50A(V)1 thru 11 (Sheet 1 of 2).

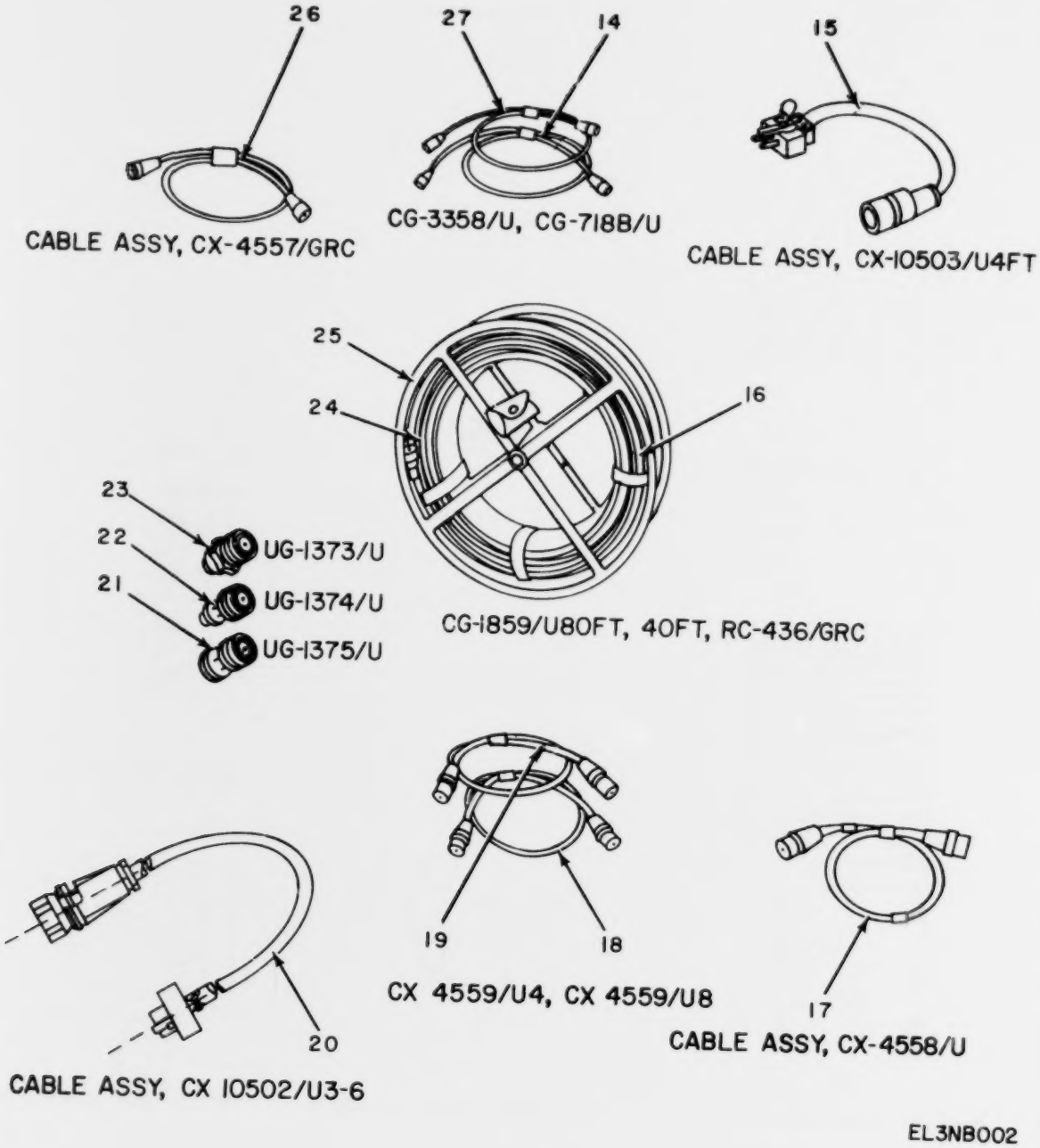


Figure 1. Radio Sets AN/GRC-50(V)1 thru 5, and Radio Sets AN/GRC-50A(V)1 thru 11 (Sheet 2 of 2).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 00 RADIO SETS AN/GRC-50(V)1 THRU 5, AND AN/GRC-50A(V)1 THRU 11		
1	1	PDODD	5820-00-856-9925	AT903GRC	80058	ANTENNA.....3HG,3HL,5GE,5GF,CJN	EA	1
1	1	PDODD	5820-00-856-9925	AT903GRC	80058	ANTENNA.....3HH,3HI,3HM,3HN,5GC	EA	2
1	1	PDODD	5820-00-856-9925	AT903GRC	80058	ANTENNA.....3HJ,3HK,3HO,3HP,56D,5GG	EA	3
1	2	PDODD	5820-00-892-3862	AB577GRC	80058	MAST.....3HG,3HL,5GE,5GF,CJN	EA	1
1	2	PDODD	5820-00-892-3862	AB577GRC	80058	MAST.....3HH,3HI,3HM,3HN,5GC	EA	2
1	2	PDODD	5820-00-892-3862	AB577GRC	80058	MAST.....3HJ,3HK,3HO,3HP,5GD,5GG	EA	3
1	3	XDODD		H156U	80058	HANDSET.....3HG,3HL,5GE,5GE,CJN	EA	1
1	3	XDODD		H156U	80058	HANDSET.....3HH,3HI,3HM,3HN,5GC	EA	2
1	3	XDODD		H156U	80058	HANDSET.....3HJ,3HK,3HO,3HP,5GD,5GG	EA	3
1	4	PDODD	5965-00-064-5435	MT2161U	80058	HOLDER,HANDSET.....3HG,3HL,5GE,5GF,CJN	EA	1
1	4	PDODD	5965-00-064-5435	MT2161U	80058	HOLDER,HANDSET.....3HH,3HI,3HM,3HN,5GC	EA	2
1	4	PDODD	5965-00-064-5435	MT2161U	80058	HOLDER,HANDSET.....3HJ,3HK,3HO,3HP,5GD,5GG	EA	3
1	5	PDODD	5820-00-889-0857	PP2054GRC	80058	POWER,SUPPLY.....3HG,3HL,5GE,5GF,CJN	EA	1
1	5	PDODD	5820-00-889-0857	PP2054GRC	80058	POWER,SUPPLY.....3HH,3HI,3HM,3HN,5GC	EA	2
1	5	PDODD	5820-00-889-0857	PP2054GRC	80058	POWER,SUPPLY.....3HJ,3HK,3HO,3HP,5GD,5GG	EA	3
1	6	PDODD	5820-00-892-3863	T893PGRC	80058	TRANSMITTER,RADIO.....3HG,3HL,5GE,5GF,CJN	EA	1
1	6	PDODL	5820-00-892-3863	T893PGRC	80058	TRANSMITTER,RADIO.....3HH,3HI,3HM,3HN,5GC	EA	2
1	6	PDODL	5820-00-892-3863	T893PGRC	80058	TRANSMITTER,RADIO.....3HJ,3HK,3HO,3HP,5GD,5GG	EA	3
1	7	PDODD	5820-00-892-3858	R1148(P)GRC	80058	RECEIVER,RADIO.....3HG	EA	1
1	7	PDODD	5820-00-892-3858	R1148(P)GRC	80058	RECEIVER,RADIO.....3HH,3HI	EA	2
1	7	PDODD	5820-00-892-3858	R1148(P)GRC	80058	RECEIVER,RADIO.....3HJ,3HK	EA	3
1	7	PDODD	5820-01-020-2259	R1331BPGRC	80058	RECEIVER,RADIO.....3HL,5GE,5GE,CJN	EA	1
1	7	PDODD	5820-01-020-2259	R1331BPGRC	80058	RECEIVER,RADIO.....3HM,3HN,5GC	EA	2
1	7	PDODD	5820-01-020-2259	R1331BPGRC	80058	RECEIVER,RADIO.....3HO,3HP,5GD,5GG	EA	3
1	9	XDOZZ		BG102A	80058	BAG,ACCESSORY.....3HG,3HL,3HN,5GE,5GF,CJN	EA	1
1	9	XDOZZ		BG102A	80058	BAG,ACCESSORY.....3HH,3HI,3HM,5GC	EA	2
1	9	XDOZZ		BG102A	80058	BAG,ACCESSORY.....3HJ,3HK,3HO,3HP,5GD,5GG	EA	3
1	11	PDODD	5820-00-064-5450	CY2583GRC	80058	CASE,COMMUNICATION.....3HG,3HH,3HI,3HL,3HM,3HN,5GC,5GE,5GF	EA	1
1	11	PDODD	5820-00-064-5450	CY2583GRC	80058	CASE,COMMUNICATION.....3HJ,3HK,3HO,3HP,5GD,5GG	EA	2
1	12	PDODD	6110-00-064-5478	CN514GRC	80058	REGULAR VOLTAGE.....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO, 3HP,5GC,5GD,5GE,5GF,5GG	EA	1
1	13	PDODD	5820-00-064-5451	CY2582GRC	80058	CASE,TUNER.....3HG,3HL,5GE,5GF	EA	1
1	13	PDODD	5820-00-064-5451	CY2582GRC	80058	CASE,TUNER.....5GC	EA	2
1	13	PDODD	5820-00-064-5451	CY2582GRC	80058	CASE,TUNER.....5GD,5GG	EA	3
1	21	PAOZZ	5935-00-064-5561	UG1373U	80058	ADAPTER,CONNECTOR.....3HG,3HL,5GE,5GF,CJN	EA	1
1	21	PAOZZ	5935-00-064-5561	UG1373U	80058	ADAPTER,CONNECTOR.....3HH,3HI,3HM,3HN,5GC	EA	2
1	21	PAOZZ	5935-00-064-5561	UG1373U	80058	ADAPTER,CONNECTOR.....3HJ,3HK,3HO,3HP,5GD,5GG	EA	3

(1) ILLUSTRATION (a) FIG. NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
1	22	PAODD	5935-00-892-8878	UG1374U	80058	ADAPTER,CONNECTOR.....3HG,3HL,5GE,CJN	EA	1
1	22	PAODD	5935-00-892-8878	UG1374U	80058	ADAPTER,CONNECTOR.....3HH,3HI,3HM,3HN	EA	4
1	22	PAODD	5935-00-892-8878	UG1374U	80058	ADAPTER,CONNECTOR.....3HJ,3HK,3HO,3HP,5GC	EA	6
1	22	PAODD	5935-00-892-8878	UG1374U	80058	ADAPTER,CONNECTOR.....5GC,5GF	EA	2
1	22	PAODD	5935-00-892-8878	UG1374U	80058	ADAPTER,CONNECTOR.....5GD	EA	3
1	23	PAOZZ	5935-00-064-5560	UG1375U	80058	ADAPTER,CONNECTOR.....3HG,3HL,5GE,5GF,CJN	EA	1
1	23	PAOZZ	5935-00-064-5560	UG1375U	80058	ADAPTER,CONNECTOR.....3HH,3HI,5GC	EA	2
1	23	PAOZZ	5935-00-064-5560	UG1375U	80058	ADAPTER,CONNECTOR.....3HJ,3HK,5GF,5GG	EA	3

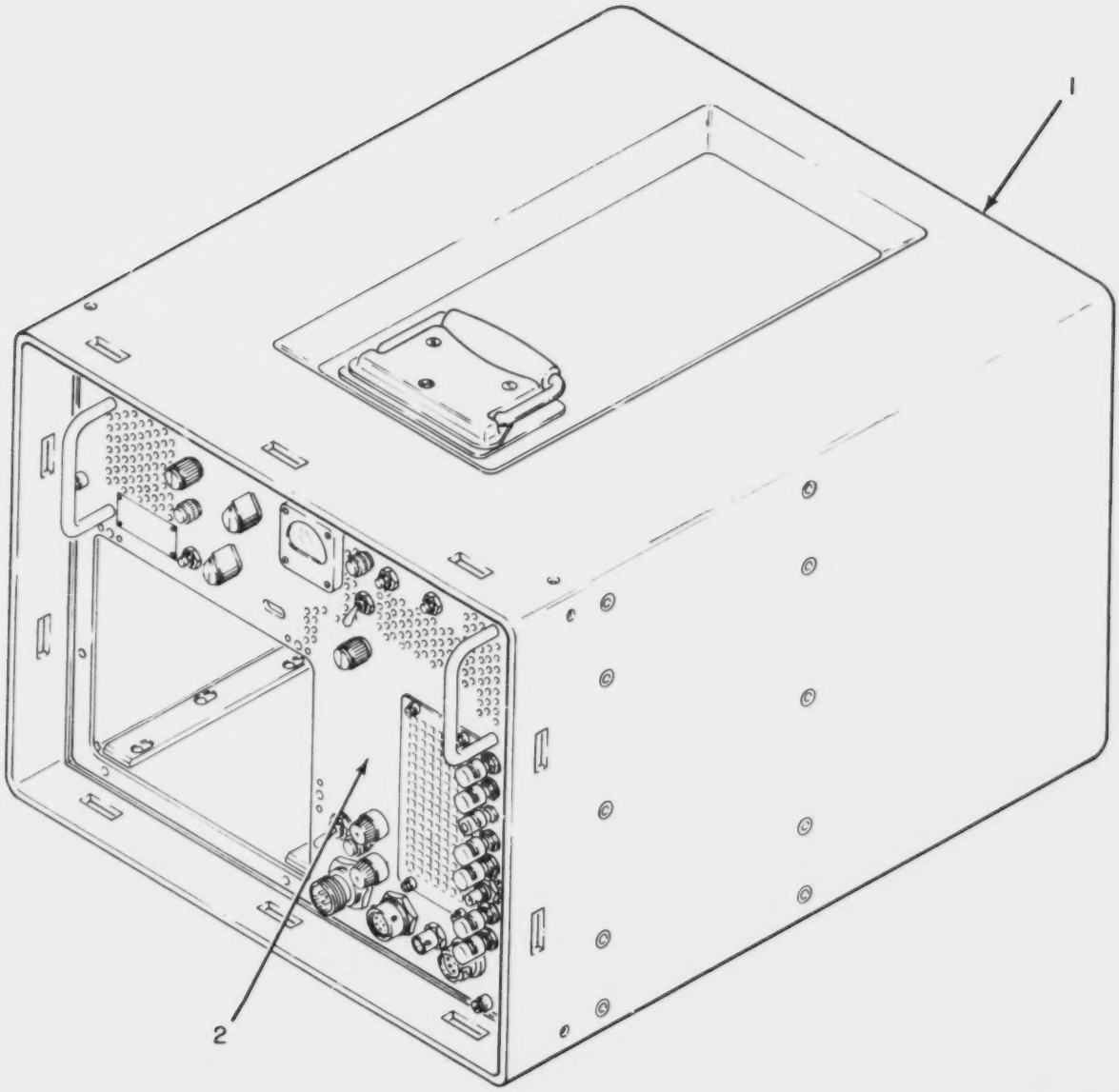


Figure 2. Receiver,Radio R-1148(P)/GRC and R-1331(*)(P)/GRC (3).

SECTION II

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 01 RECEIVER,RADIO R-1148(P)/GRC AND R-1331(*)(P)/GRC (3)		
2	1	PDODD		SCDL498260	80063	RECEIVER,RADIO,CASE 3WL,3WM,3WM,3WO,3WP,5GC,5GD,5GE,5GF,5GG,CJN	EA	1

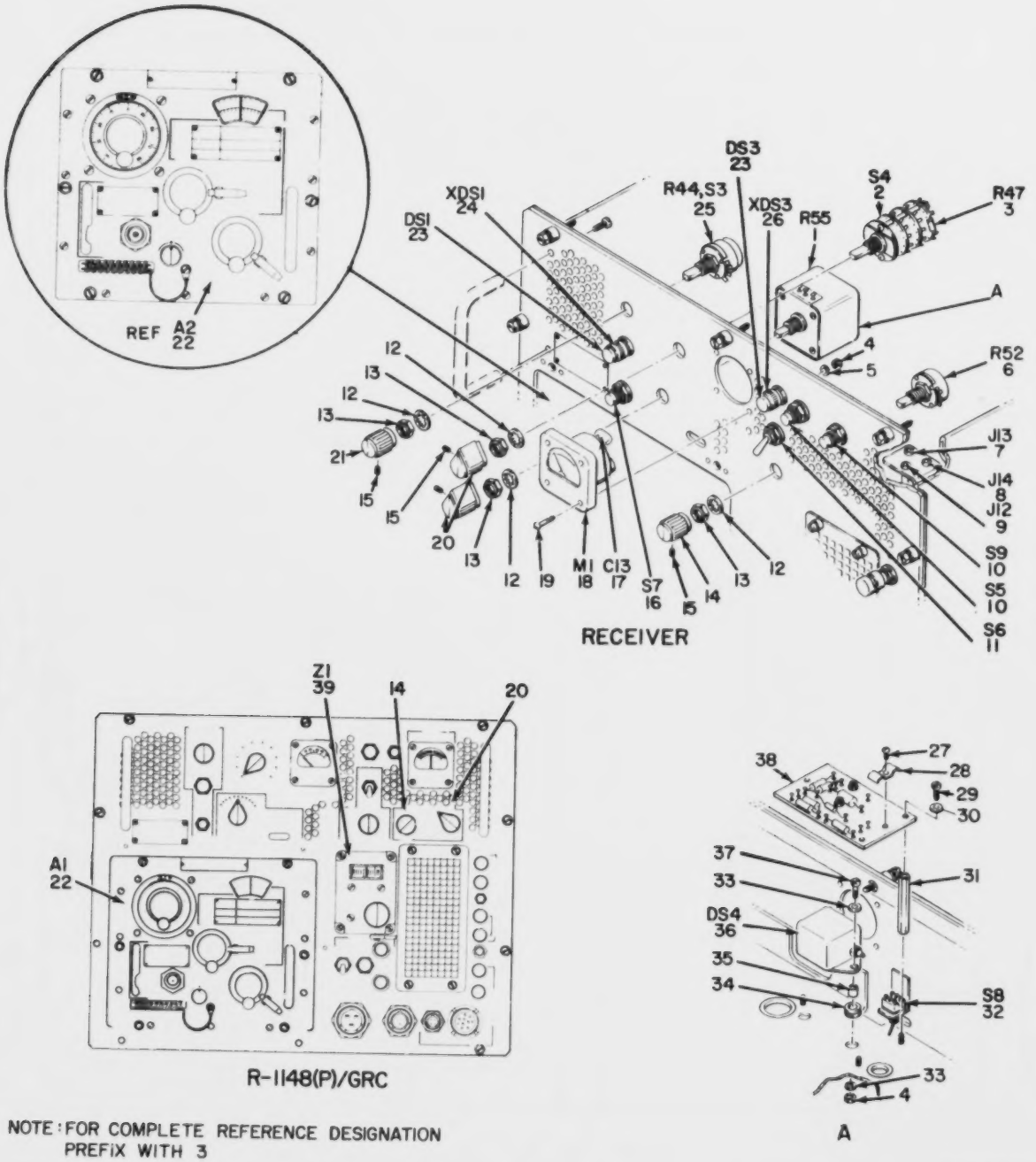
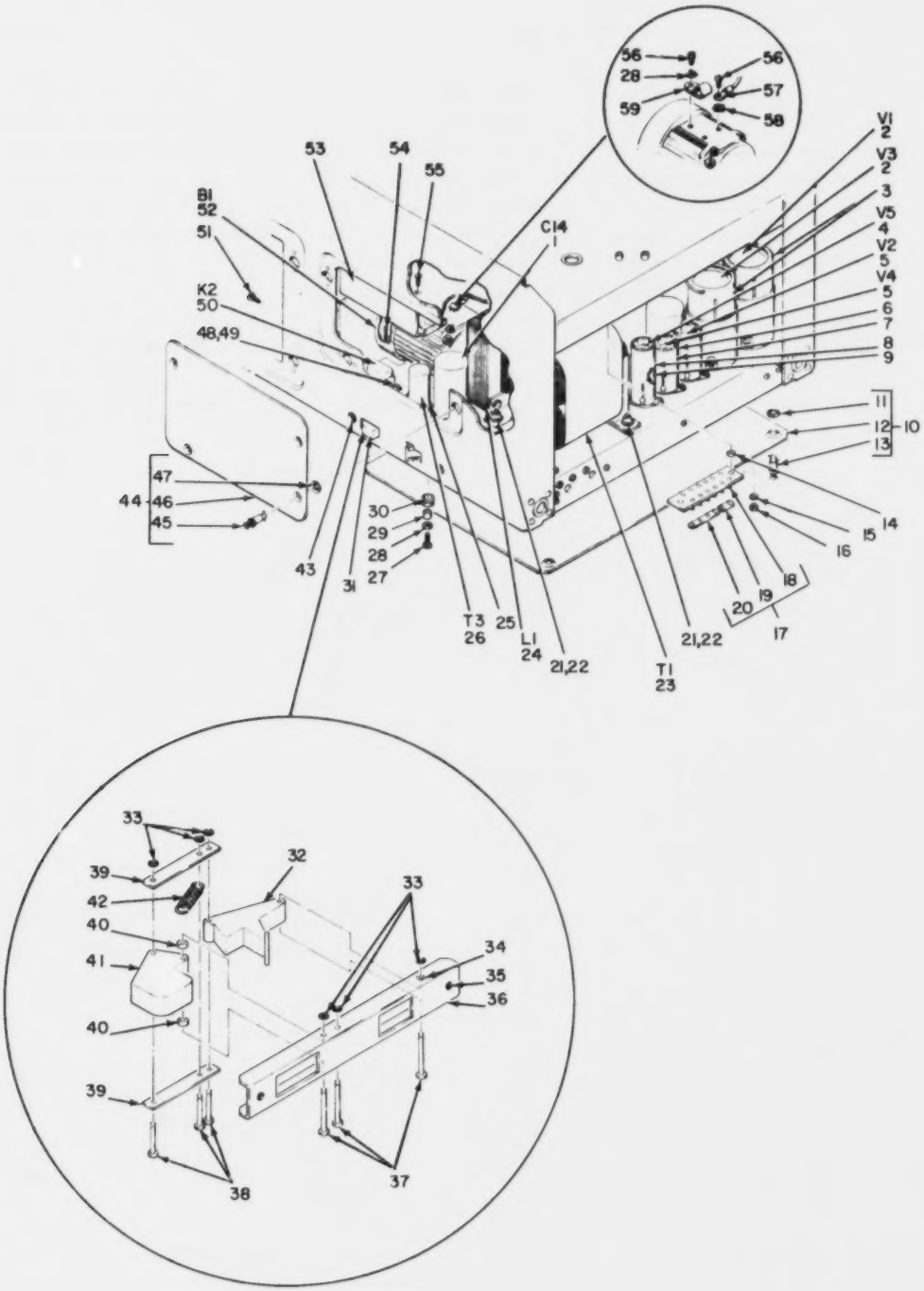


Figure 3. Receiver, Radio R-1148(P)/GRC and R-1331(*)(P)/GRC (3), Front Panel, Component Mounting.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
3	14	PAOZZ	5355-00-556-0151	MS91528-1D2B	96906	KNOB.....3HG,3HH,3HI,3HJ,3HK	EA	2
3	14	PAOZZ	5355-00-989-4269	MS91528-102B	96906	KNOB.....3HL,3HM,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	1
3	15	XBOZZ	5305-00-655-9246	MS51021-10	96906	SETSCREW.....3HL,3HM,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	8
3	20	PAOZZ	5355-00-556-0145	MS91528-1K2B	96906	KNOB.....3HG,3HH,3HI,3HJ,3HK	EA	3
3	20	PAOZZ	5355-00-556-0145	MS91528-1K2B	96906	KNOB.....3HL,3HM,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	2
3	21	PAOZZ	5355-00-889-3450	SMB424034	80063	KNOB.....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,3HP,5GC,5GD	EA	1
3	22	PDOOD	5820-00-892-3859	AM1955GRC	80058	AMPLIFIER-CONVERTER.....3HG,3HI,3HK	EA	1
3	22	PDOOD	5820-00-892-3860	AM1956GRC	80058	AMPLIFIER-CONVERTER.....3HG,3HH,3HK	EA	1
3	22	PDOOD	5820-00-082-4293	AM1955AGRC	80058	AMPLIFIER-CONVERTER.....3HL,3HN,3HP,5GC,5GD,5GE,5GF,5GG	EA	1
3	22	PDOOD	5820-00-082-4294	AM1956AGRC	80058	AMPLIFIER-CONVERTER.....3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	1
3	22	XDOOD		AM1956BGRC	80058	AMPLIFIER-CONVERTER.....3HL,3HM,3HO,5GC,5GD,5GE,5GG,CJN	EA	1
3	23	PAOZZ	6240-00-155-7857	MS25237-328	96906	LAMP,INCANDESCENT.....3HG,3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF	EA	2



NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3

EL3NB009

Figure 4. Receiver, Radio R-1148(P)/GRC and R-1331(*)P/GRC (3), Subassembly.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION (TABLE ON CODE)	(7) U/M	(8) QTY INC IN UNIT
4	2	PAOZZ	5960-00-543-1001	6080WA	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	2
4	2	PAOZZ	5960-00-542-7182	6080WB	81349	ELECTRON TUBE.....3HL,3HM,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	2
4	4	PAOZZ	5960-00-624-4718	082WA	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,3HP,5GC,5GD	EA	1
4	5	PAOZZ	5960-00-082-4139	5751	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,3HP,5GC,5GD	EA	2
4	6	PAOZZ	5935-00-651-2698	SCC314/1-2	80063	SHIELD,ELECTRON TUBE.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	21
4	8	PAOZZ	5960-00-686-8087	MS24233-5	96906	SHIELD,ELECTRON TUBE.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	5
4	9	PAOZZ	5935-00-088-4211	SCC31471-1	80063	RETAINER,ELECTRON TUBE.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	1

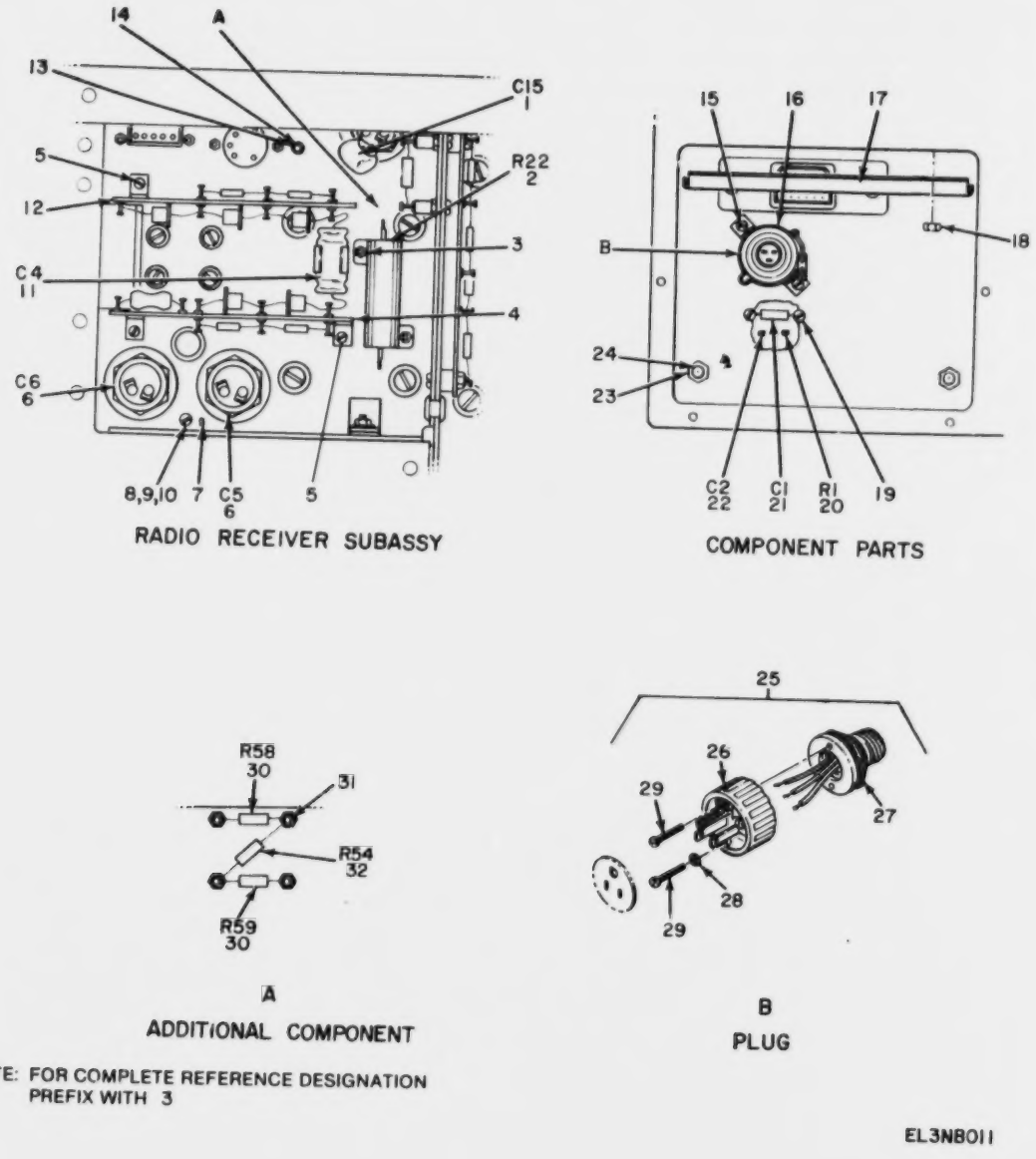
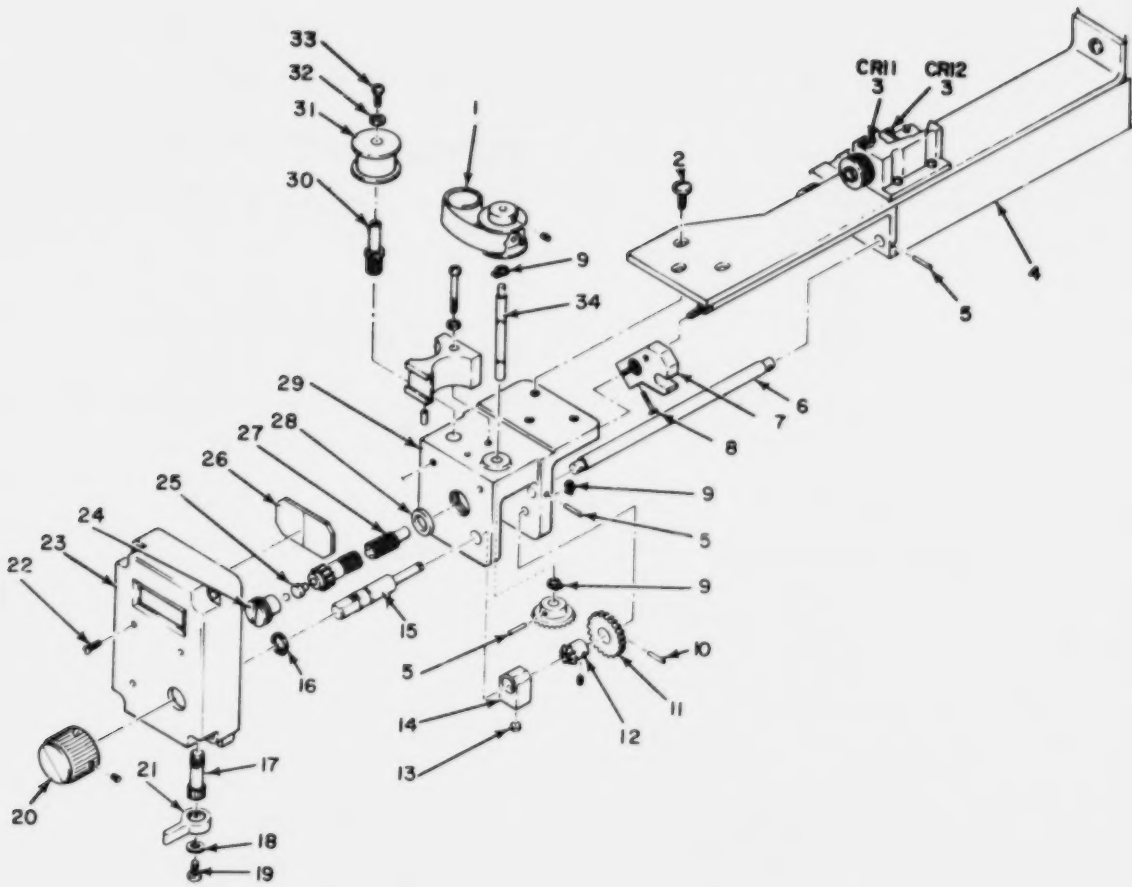


Figure 5. Receiver, Radio R-1148(P)/GRC and R-1331(*)(P)/GRC (3), Subassembly.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
5	25	PAOHH	5820-00-083-0333	SMB422961	80063	POWER SUPPLY SUBASSEMBLY.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	1

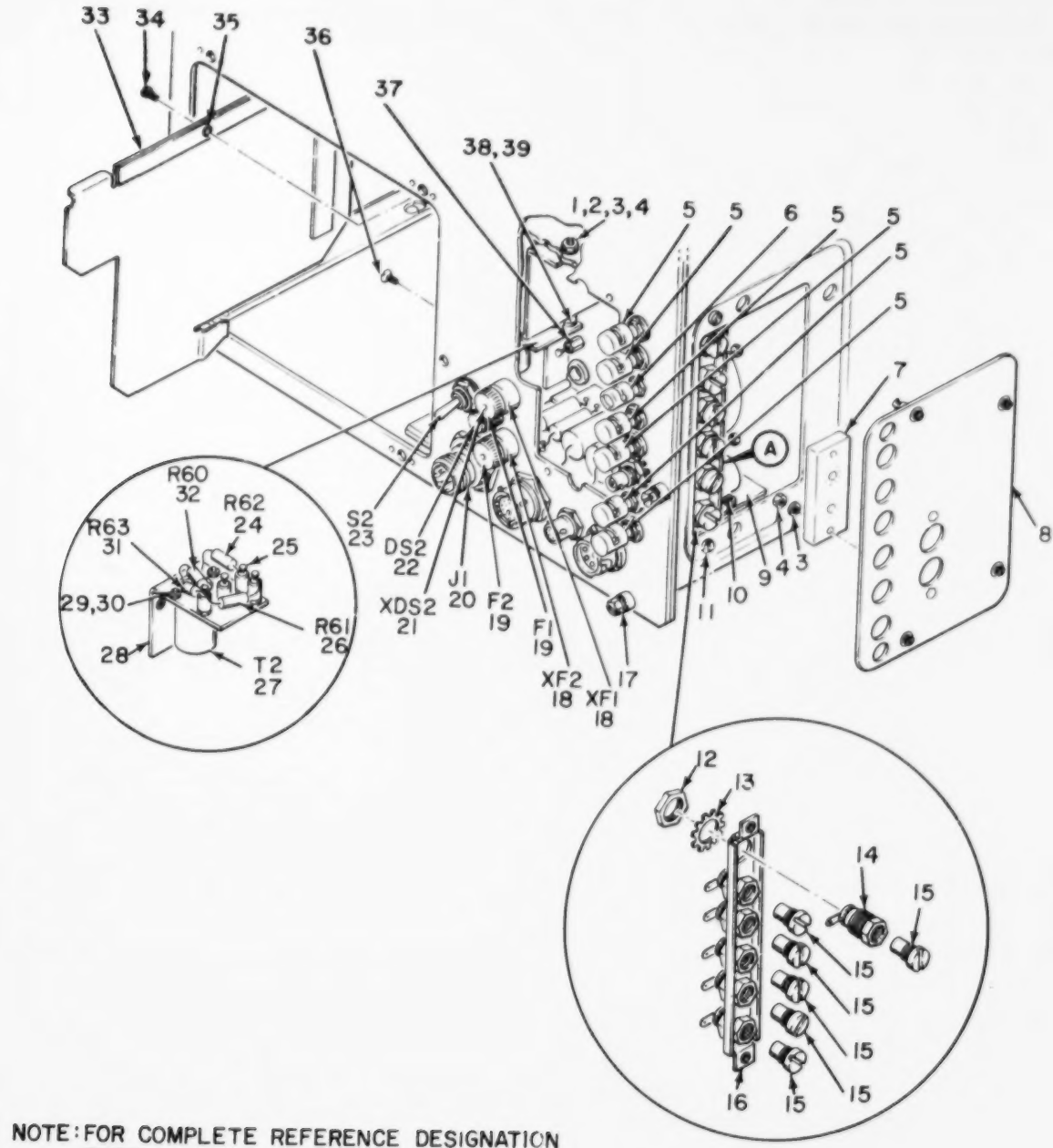


NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3

EI 3NB012

Figure 6. Receiver, Radio R-1148(P)/GRC and R-1331(*)(P)/GRC (3), Tuning Cavity.

(1) ILLUSTRATION (a) FIG. NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
6	20	PAOZZ	5355-00-889-3378	SMB423172	80063	KNOB.....3HG,3HH,3HI,3HJ,3HK	EA	1



NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3

EL3NB015

Figure 7. Receiver, Radio R-1148(P)/GRC and R-1331(*)(P)/GRC (3) Filter, Air Conditioning.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
7	19	PAOZZ	5920-00-504-0540	MS90079-22-1	96906	FUSE,CARTRIDGE.....3HG,3HH,3HI,3HJ,3HK	EA	2
7	19	PAOZZ	5920-00-284-6796	F03B32V5A	81349	FUSE,CARTRIDGE.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJH	EA	1
7	22	XDOZZ		MS25237-8	96906	LAMP,INCANDESCENT.....3HG,3HH,3HI,3HJ,3HK	EA	1
7	22	PAOZZ	6240-00-155-7857	MS25237-328	96906	LAMP,INCANDESCENT.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJH	EA	1

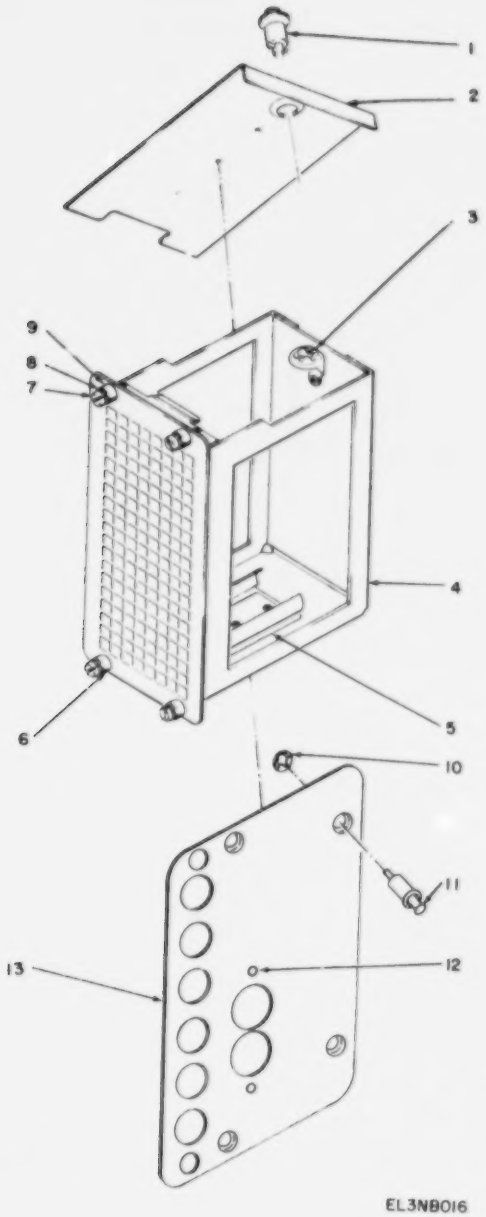
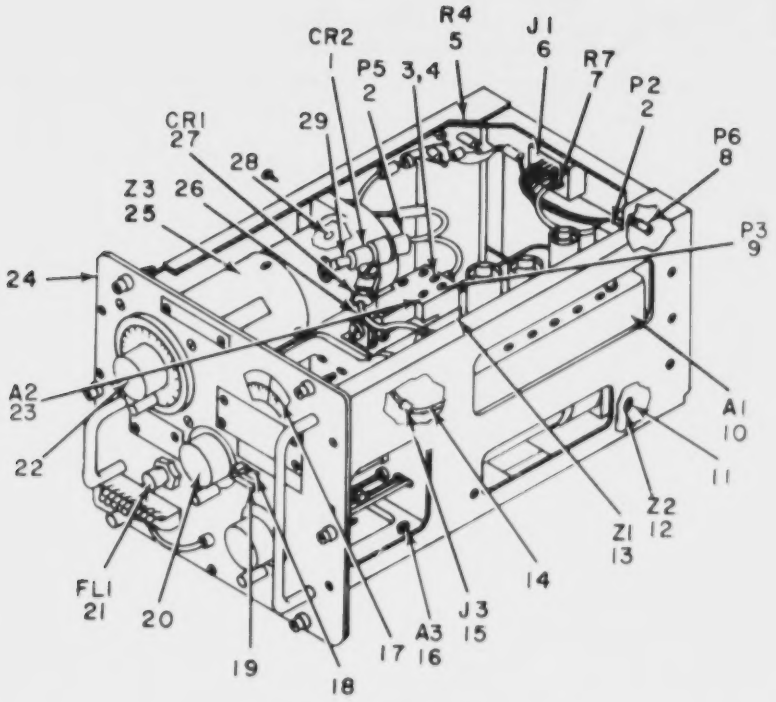
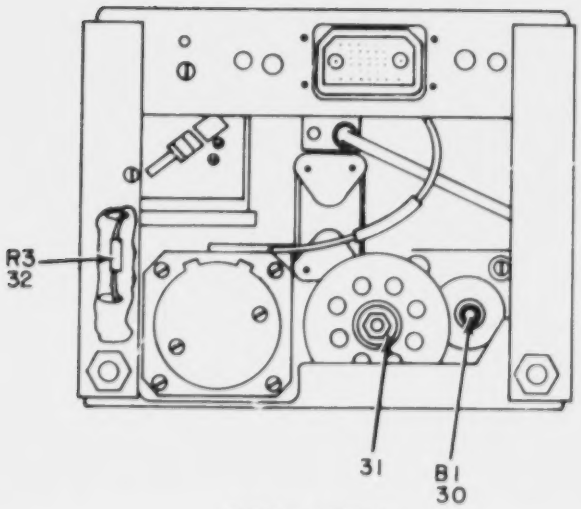


Figure 8. Receiver, Radio R-1148(P)/GRC and R-1331(*)(P)/GRC (3), Filter

(1) ILLUSTRATION (a) FIG. NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
8	6	PAOZZ	4130-00-061-2427	SMB423078-1	80063	FILTER ELEMENT,AIR.....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HP,5GC,5GD	EA	2



FRONT OBLIQUE VIEW



REAR VIEW

NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1

EL3NB02

Figure 9. Amplifier-Converter AM-1955(*)/GRC (3A1).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0101 Amplifier-Converter		
						AM-1955(*)/GRC (3A1)		
9	20	PAOZZ	5355-00-034-0990	SMB423171	80063	[illegible]3ML,3MN,3MP,5GC,5GD,5GE,5GR,5GG	EA	1
9	22	PAOZZ	5355-00-034-0990	SMB423171	80063	[illegible]3MG,3MI,3MK	EA	1

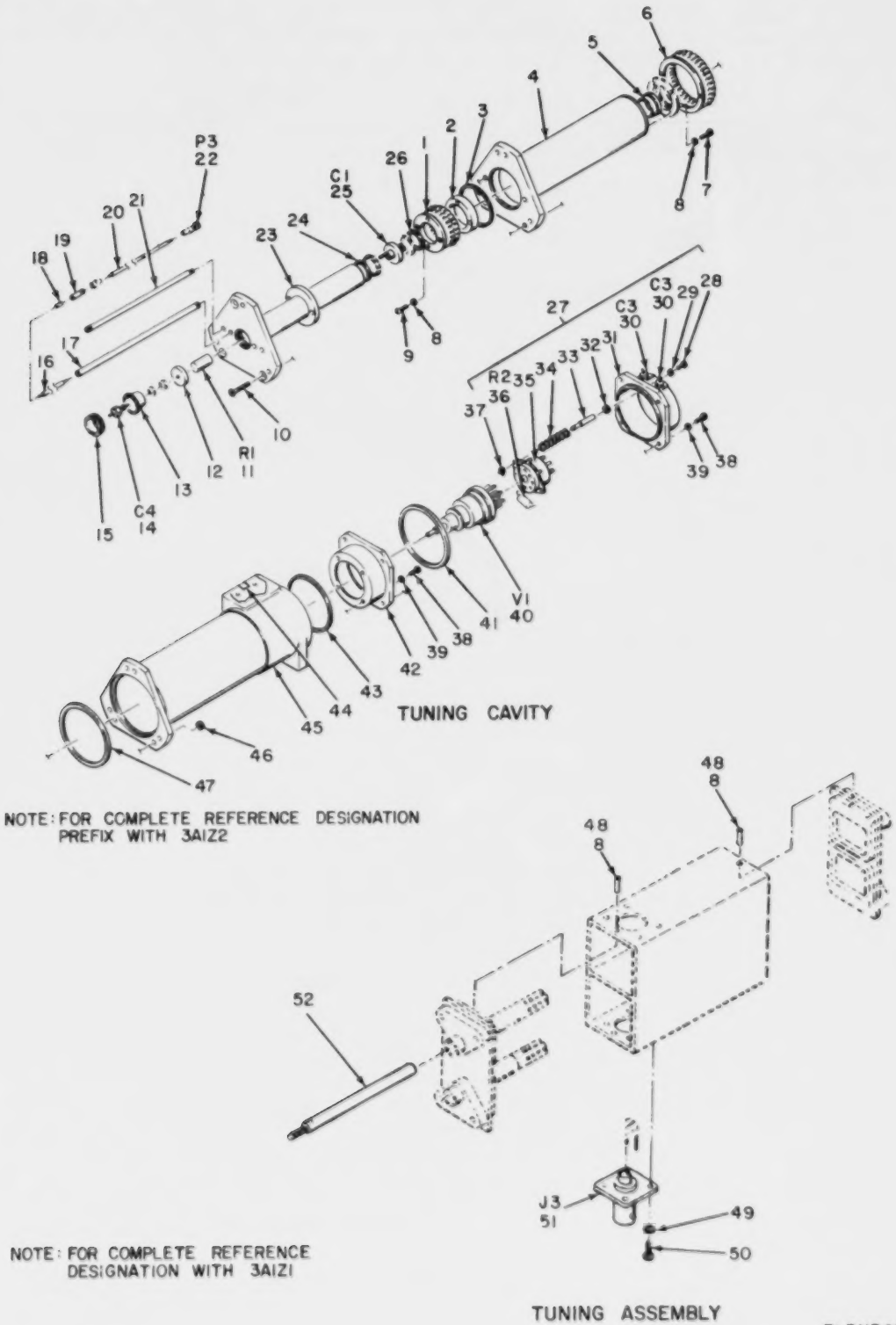

TUNING CAVITY
NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3AIZ2
NOTE: FOR COMPLETE REFERENCE DESIGNATION WITH 3AIZI
TUNING ASSEMBLY
EL3NB025

Figure 10. Amplifier-Converter AM-1955(*)/GRC, (3A1), Oscillator and Tuning Cavit

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
10	40	XDOZZ		C40A	81349	ELECTRON TUBE.....3HG,3HI,3HK	EA	1

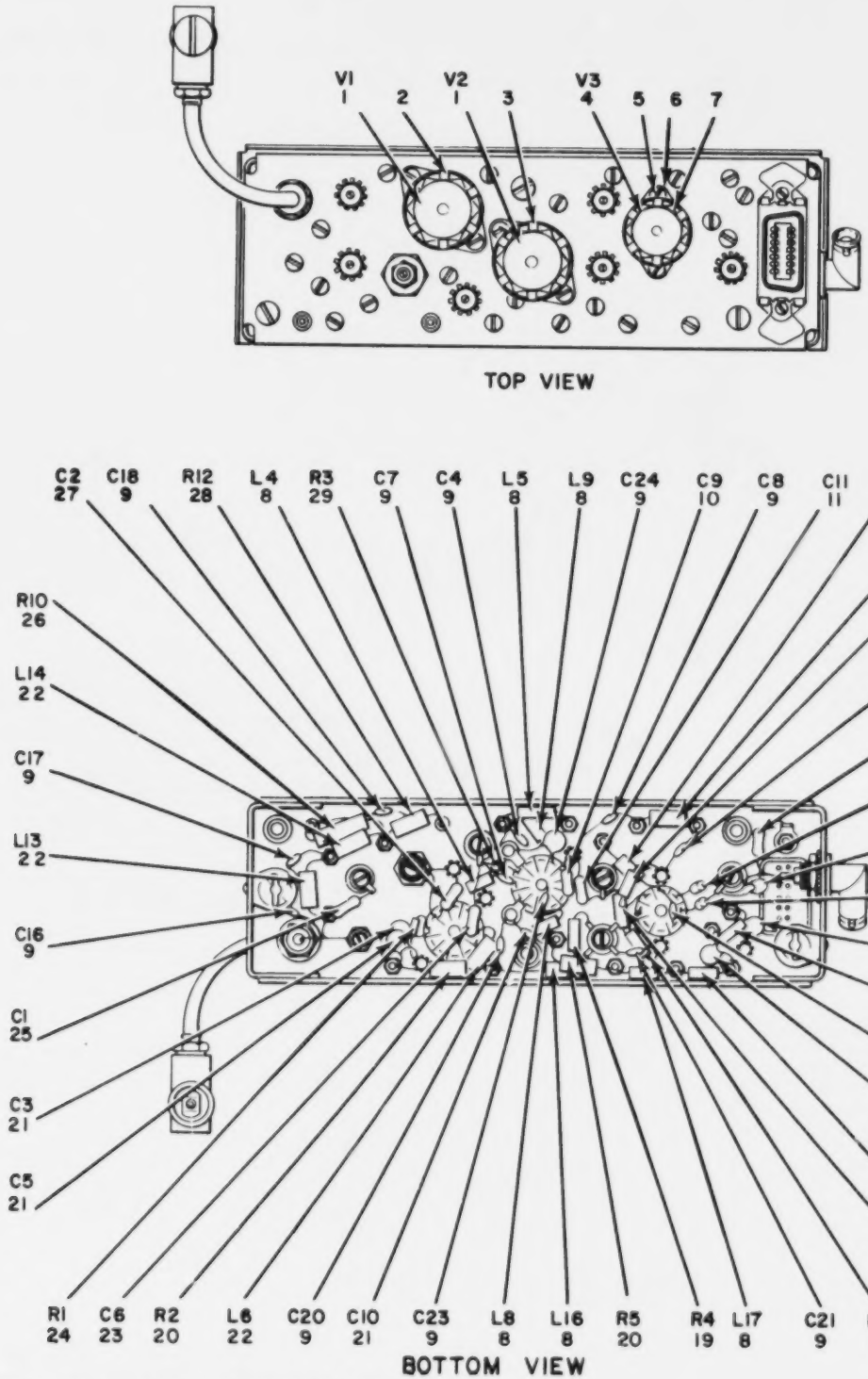
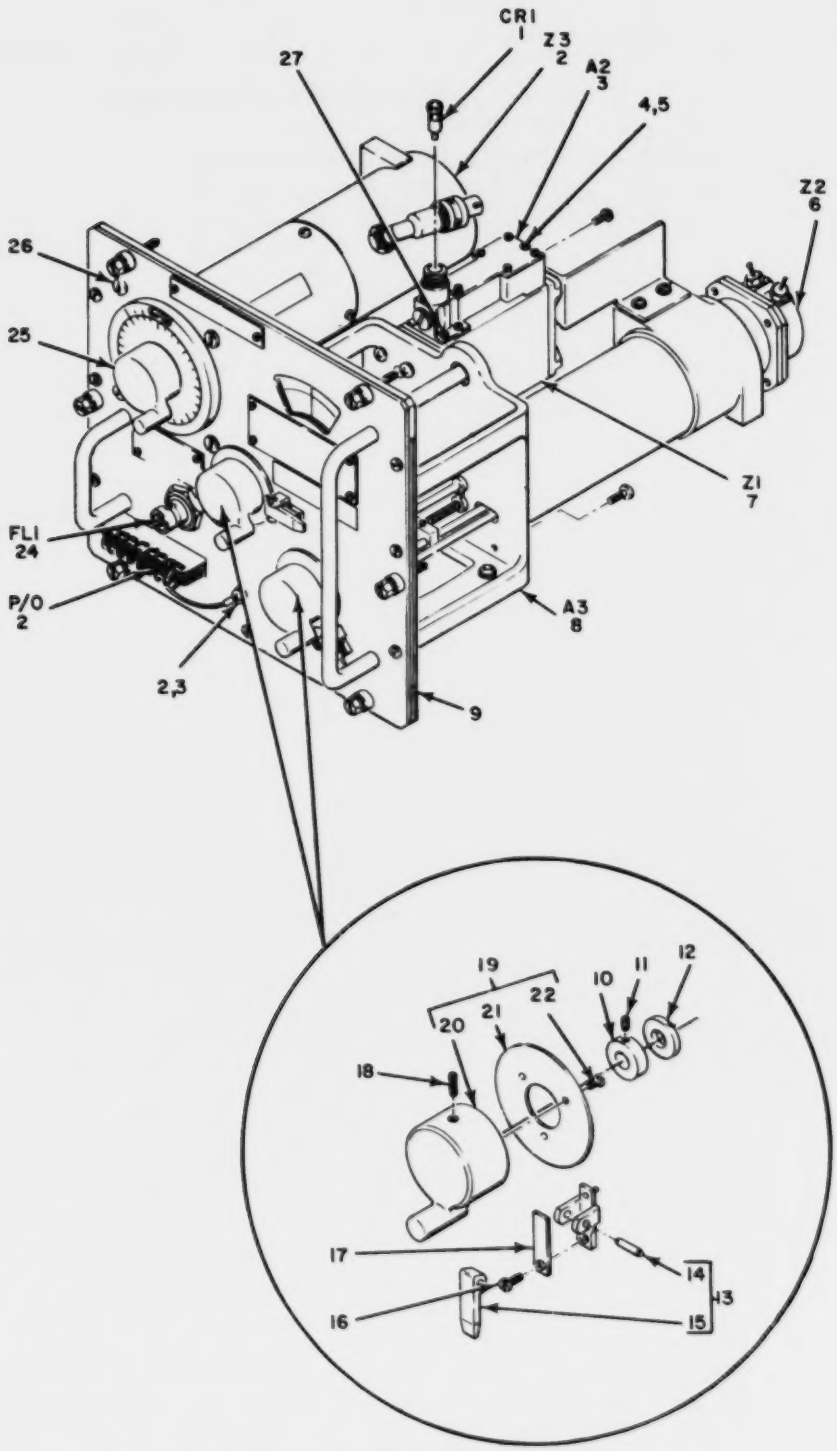


Figure 11. 1st IF Subassembly (3A1A1)

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 010101 1ST IF SUBASSEMBLY (3A1A1)		
11	1	PAOZZ	5960-00-247-8748	5842	81349	ELECTRON TUBE	EA	2
11	2	PAOZZ	5960-00-866-2712	M24251-6-4	81349	SHIELD,ELECTRON TUBE	EA	2
11	4	PAOZZ	5960-00-045-8639	5654	81349	ELECTRON TUBE	EA	1
11	5	PAOZZ	5960-00-858-5172	M24251-6-1	81349	SHIELD,ELECTRON TUBE	EA	1



NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A2

EL3N8030

Figure 12. Amplifier-Converter AM-1956(*)/GRC, (3A2), Top View.

SECTION II

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0102 AMPLIFIER-CONVERTER AM-1956(*)/GRC (3A2)		
12	1	PAOZZ	5961-00-615-5550	JAN1N21WE	81349	SEMICONDUCTOR,DIODE.....3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CLN	EA	1
12	18	XDOZZ	5305-00-725-0102	MS51963-39	96906	SETSCREW 3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	2
12	19	PAOZZ	5820-00-034-0907	SMB422602	80063	AMPLIFIER-OSCILLATOR.....3HG,3HH,3HJ	EA	2
12	19	PAOZZ	5820-00-034-0907	SMB422602	80063	AMPLIFIER-OSCILLATOR.....3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	2
12	25	PAOZZ	5355-00-889-3379	SMB422785	80063	KNOB.....3HG,3HH,3HJ	EA	1
12	25	PAOZZ	5355-00-034-0990	SMB423171	80063	KNOB.....3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	1

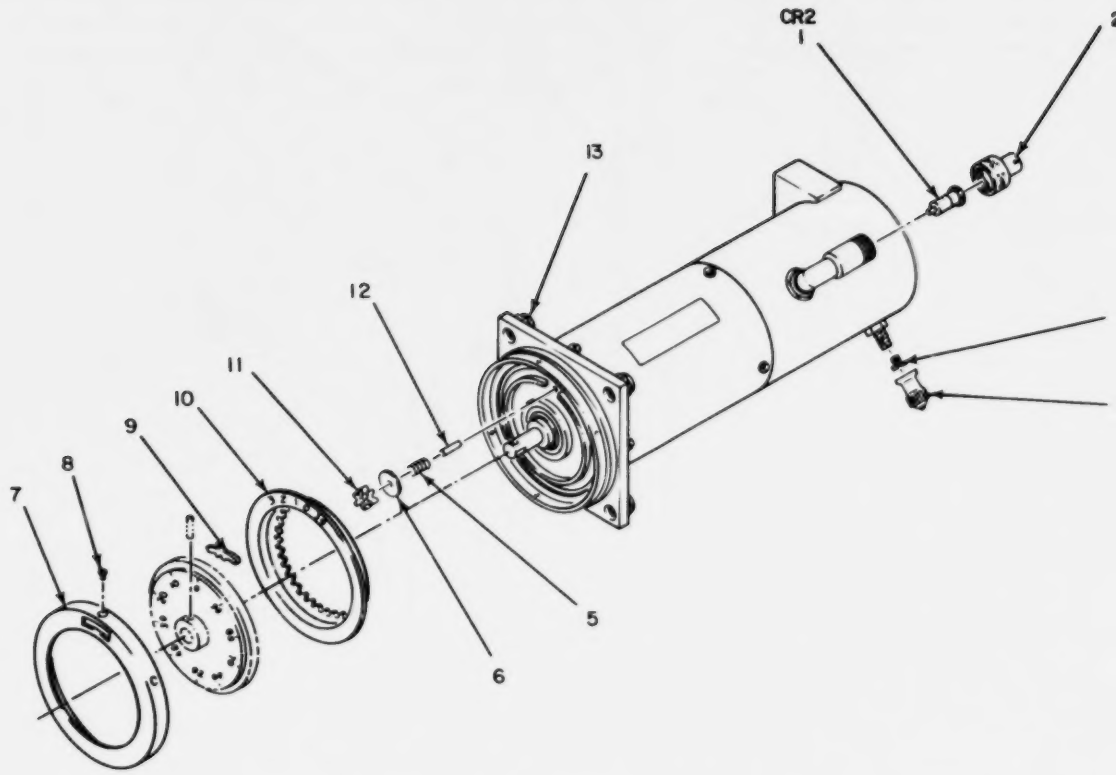
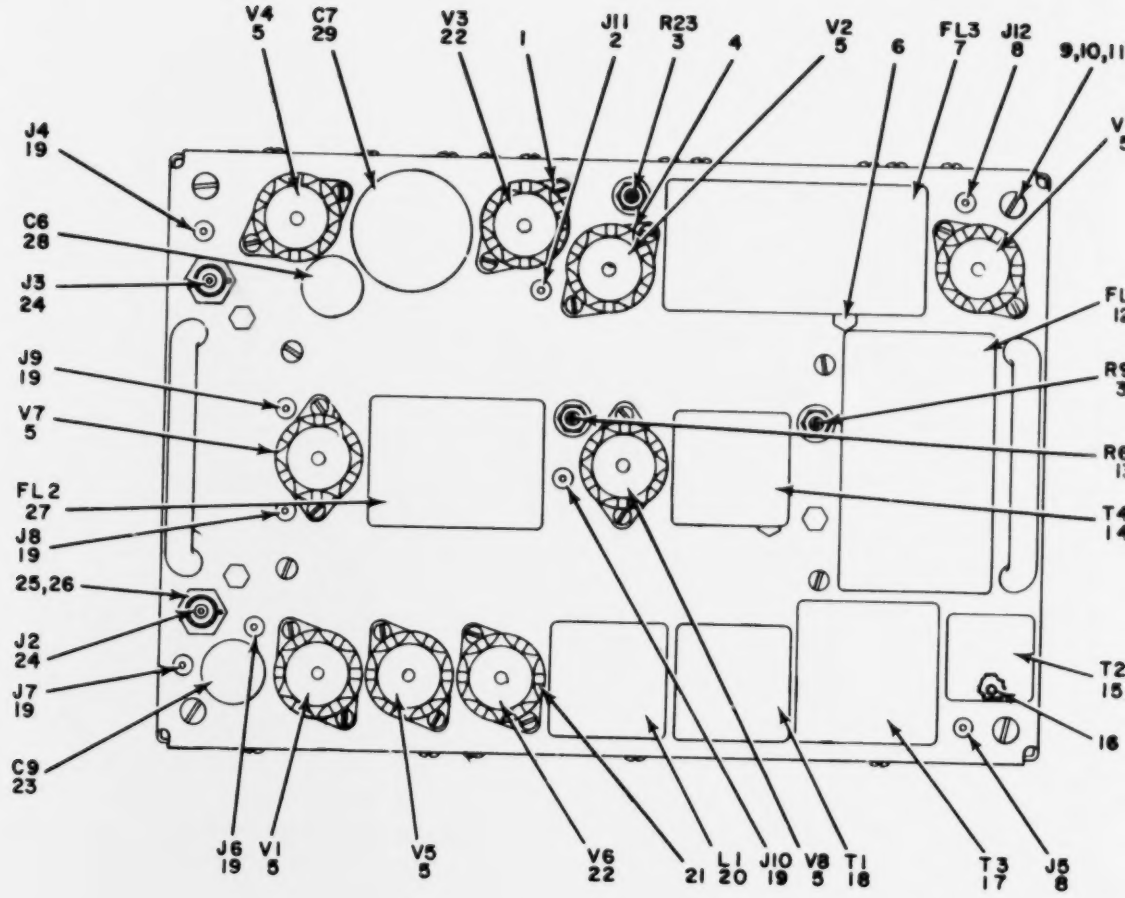


Figure 13. Amplifier-Converter AM-1956(*)/GRC, (3A2), Wavemeter.

SECTION II

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
13	1	XDOZZ		SMB423367	80063	SEMICONDUCTOR,DIODE.....3HL,3HM,3HD,3GC,5GD,5GE,5GF,5GG,CJN	EA	1
13	2	XDOZZ		0074416	15196	HOLDER,CRYSTAL UNIT.....3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	1

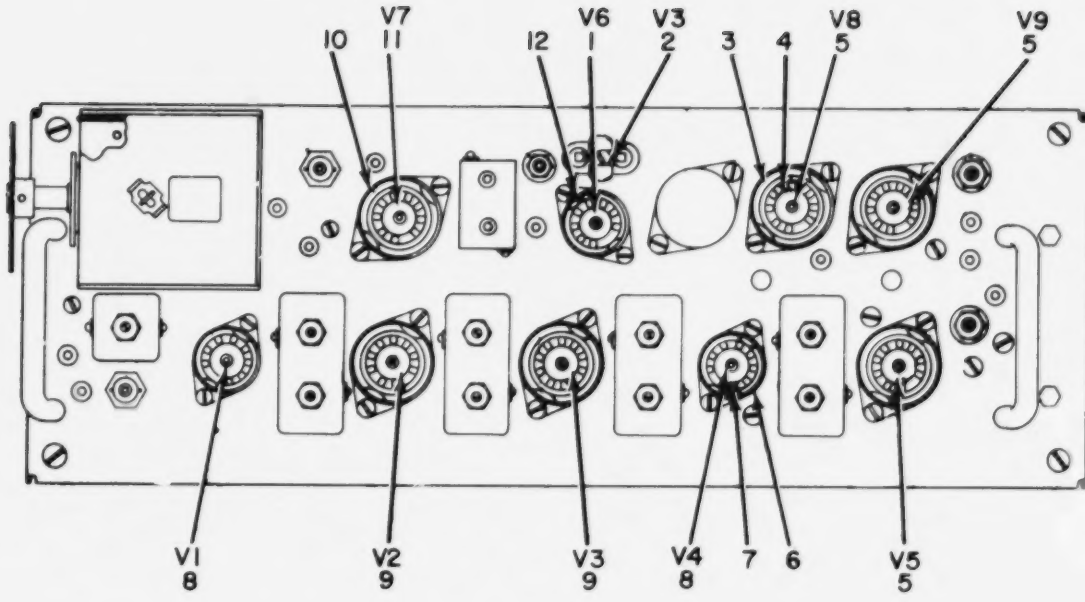


NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A3

EL3NB

Figure 14. Receiver Base Band Assembly (3A3).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0103 RECEIVER BASE BAND ASSEMBLY (3A3)		
14	5	PAOZZ	5960-00-284-5843	5670WA	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	1
14	5	PAOZZ	5960-00-188-6584	5670	81349	ELECTRON TUBE.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	7
14	22	PAOZZ	5960-00-577-3078	5687WA	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	2
14	22	PAOZZ	5960-00-179-4749	5687WB	81349	ELECTRON TUBE.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	2

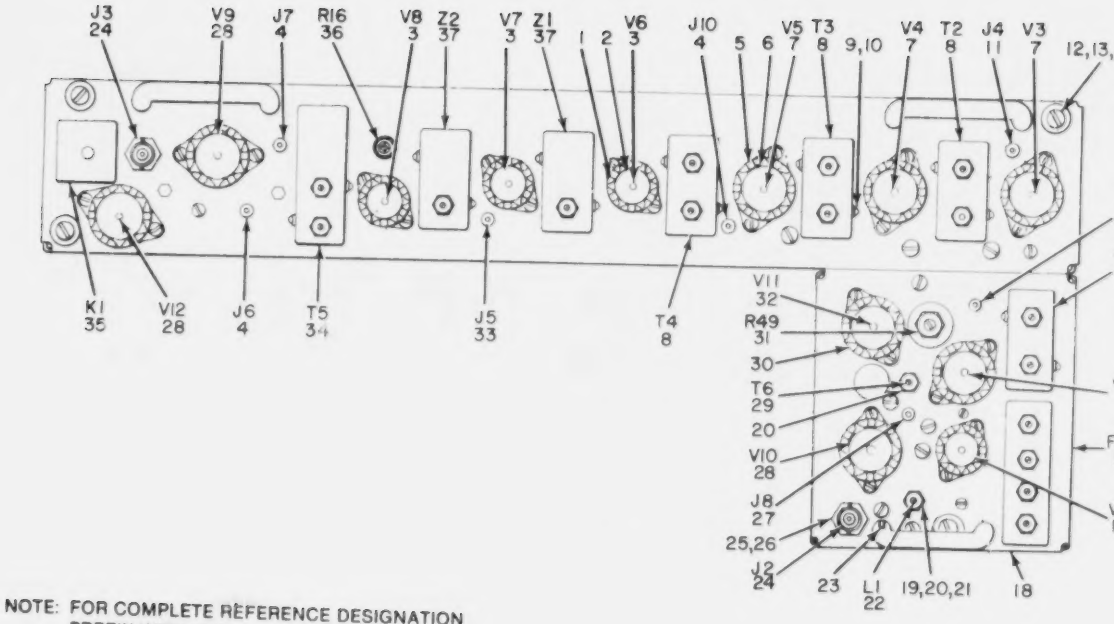


NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A4

EL3NBO

Figure 15. Receiver AFC Assembly (3A4).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0104 RECEIVER AFC ASSEMBLY (3A4)		
15	1	PAOZZ	5960-00-542-7004	6AH6WA	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	1
15	3	PAOZZ	5960-00-866-2712	M24251-6-4	81349	SHIELD,ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	5
15	5	PAOZZ	5960-00-188-6584	5670	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	3
15	6	PAOZZ	5960-00-858-5172	M24251-6-1	81349	SHIELD,ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	2
15	8	PAOZZ	5960-00-045-8639	5654	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	2
15	9	PAOZZ	5960-00-820-8717	6688	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	2
15	10	PAOZZ	5960-00-860-7710	M24251-6-5	81349	INSERT,ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	1
15	11	PAOZZ	5960-00-179-4749	5687WB	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	1
15	12	PAOZZ	5960-00-860-7709	M24251-6-2	81349	SHIELD,ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	1

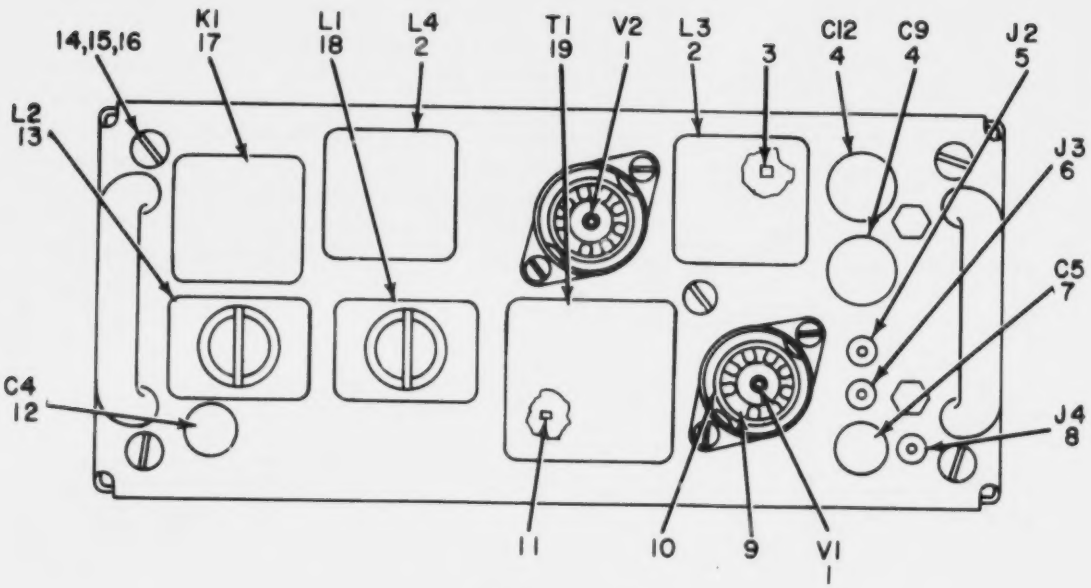


NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A5

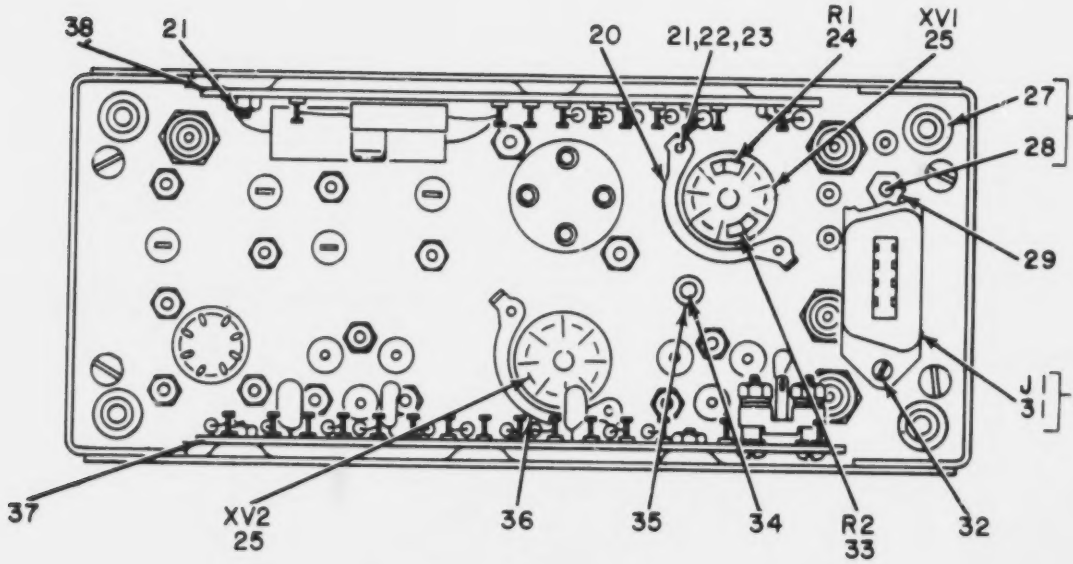
EL3NB(

Figure 16. Receiver 2nd IF Assembly (3A5).

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0105 RECEIVER 2ND IF ASSEMBLY (3A5)		
16	3	PAOZZ	5960-00-262-1357	5654/6AK5W	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	3
16	3	PAOZZ	5960-00-045-8639	5654	81349	ELECTRON TUBE.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	3
16	7	PAOZZ	5960-00-820-8717	6688	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HP,5GC,5GD	EA	4
16	17	PAOZZ	5960-00-134-6064	5725/6AS6W	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK	EA	1
16	17	PAOZZ	5960-00-879-5079	5725	81349	ELECTRON TUBE.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	1
16	28	PAOZZ	5960-00-188-6584	5670	81349	ELECTRON TUBE.....3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	3
16	32	PAOZZ	5960-00-082-4139	5751	81349	ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HL,3HM,3HN,3HO,3HP,5GC,5GD	EA	1



TOP VIEW



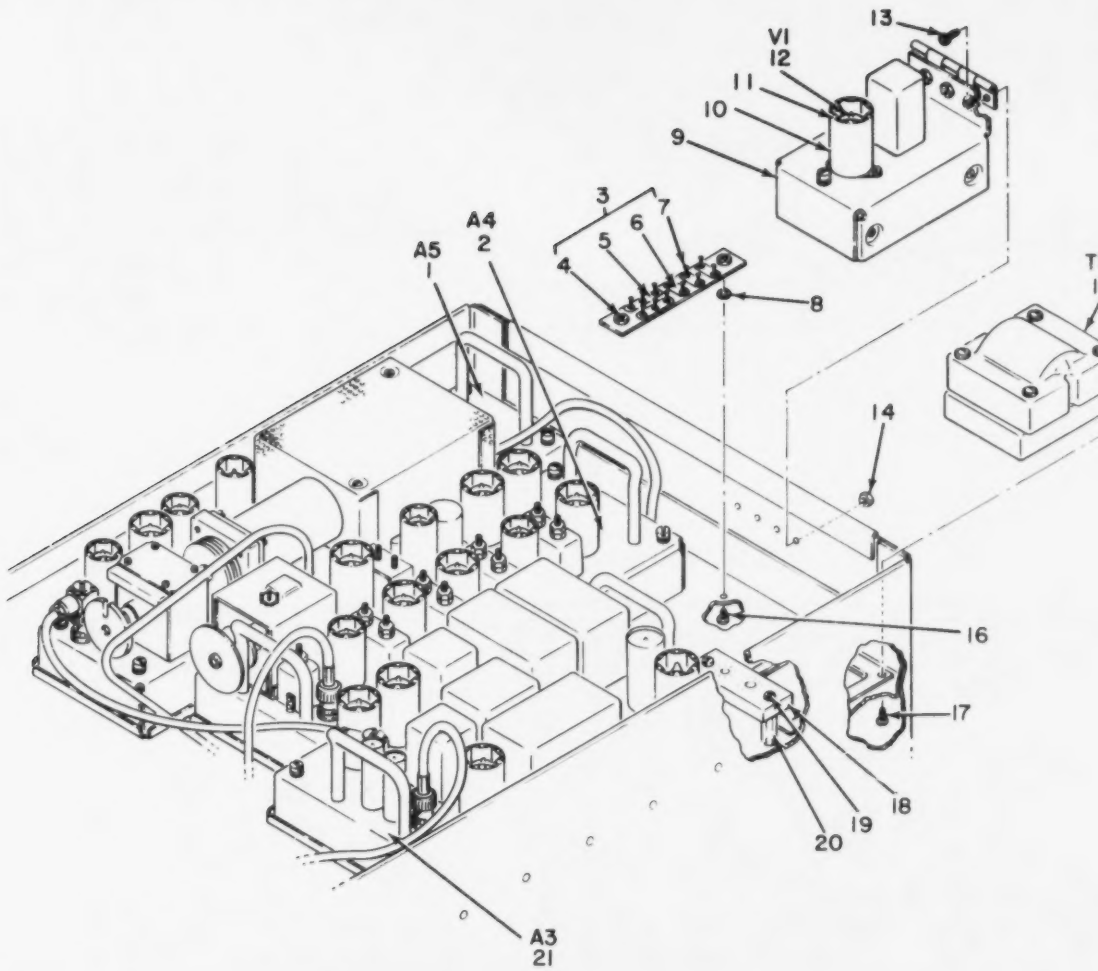
BOTTOM VIEW

NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A6

EL3NB05

Figure 17. Receiver - Signal Unit (3A6).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0106 RECEIVER-SIGNAL UNIT (3A6)		
17	1	PAOZZ	5960-00-188-6594	5670	81349	ELECTRON TUBE.....3HL,3HM,3HN,3HD,3HP,5GC,5GD,5GE,5GF,5GG,CJN	EA	2

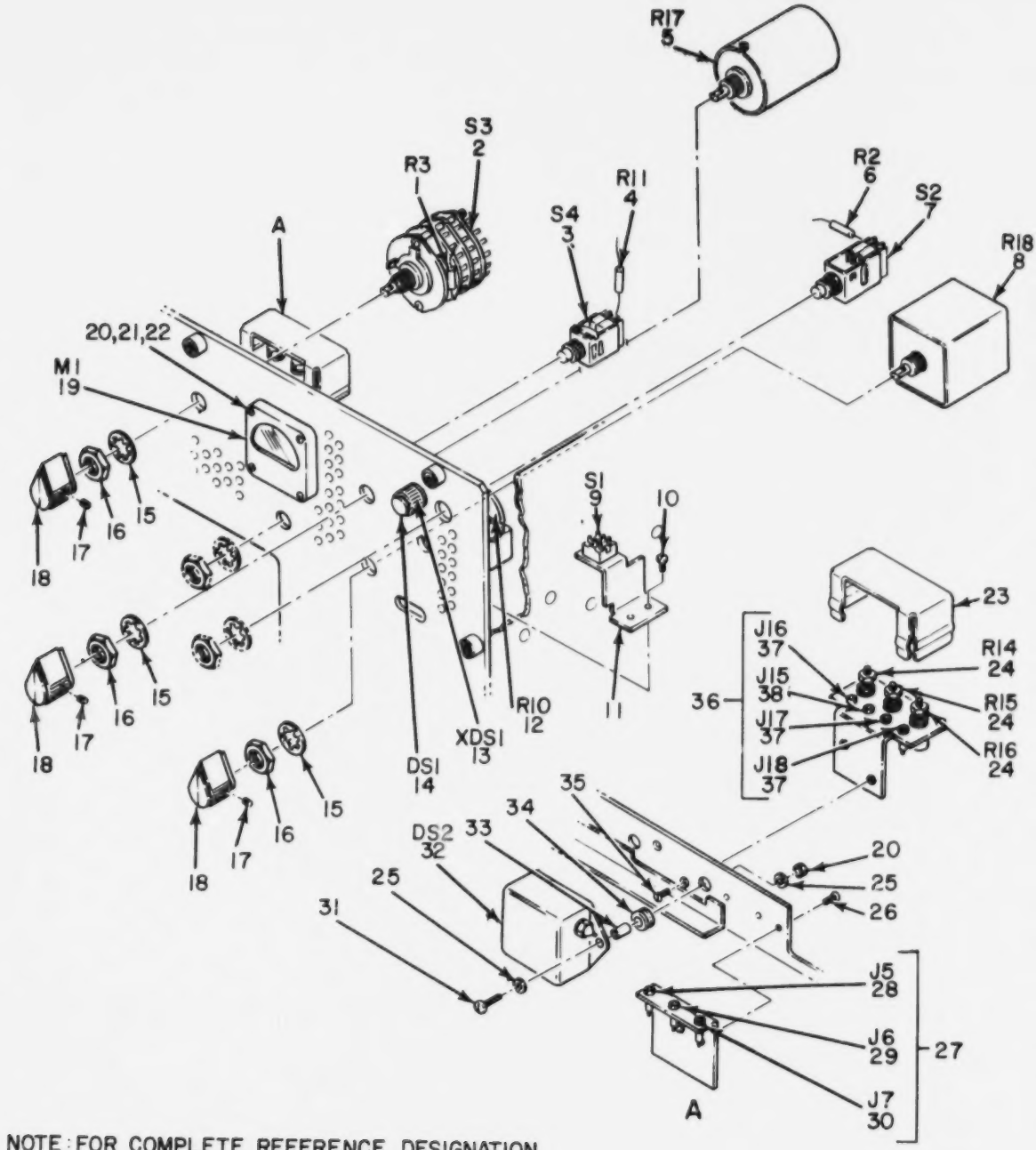


NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2

EL3N

Figure 18. Transmitter, Radio T-893(P)/GRC (2), Plug In Assemblies.

(1) ILLUSTRATION (a) FIG NO	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 02 TRANSMITTER, RADIO T-893(P)/GRC (2)		
18	12	PAOZZ	5960-00-188-6584	5670	81349	ELECTRON TUBE.....	EA	1



NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2

EL3NB058

Figure 19. Transmitter, Radio T-893(P)/GRC (2), Control Circuitry.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION *USABLE ON CODE*	(7) U/M	(8) QTY INC IN UNIT
19	14	PAOZZ	6240-00-155-7857	MS25237-328	96906	LAMP,INCANDESCENT	EA	1
19	17	XDOZZ	5305-00-655-9246	MS51021-10	96906	SETSCREW	EA	12
19	18	PAOZZ	5355-00-556-0145	MS91528-1K28	96906	KNOB	EA	3
19	23	XDOZZ		SMC446561	80063	COVER,ACCESS	EA	1

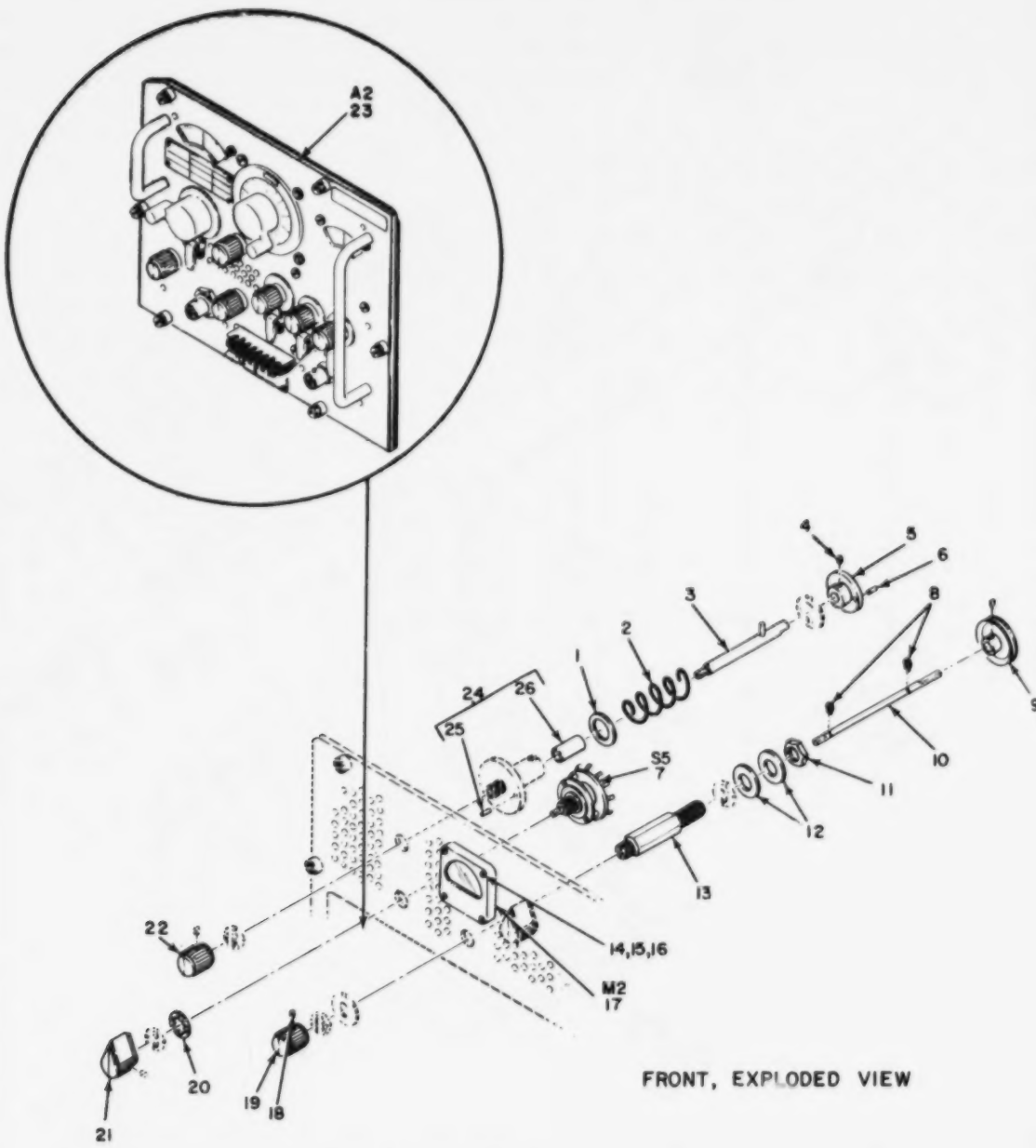
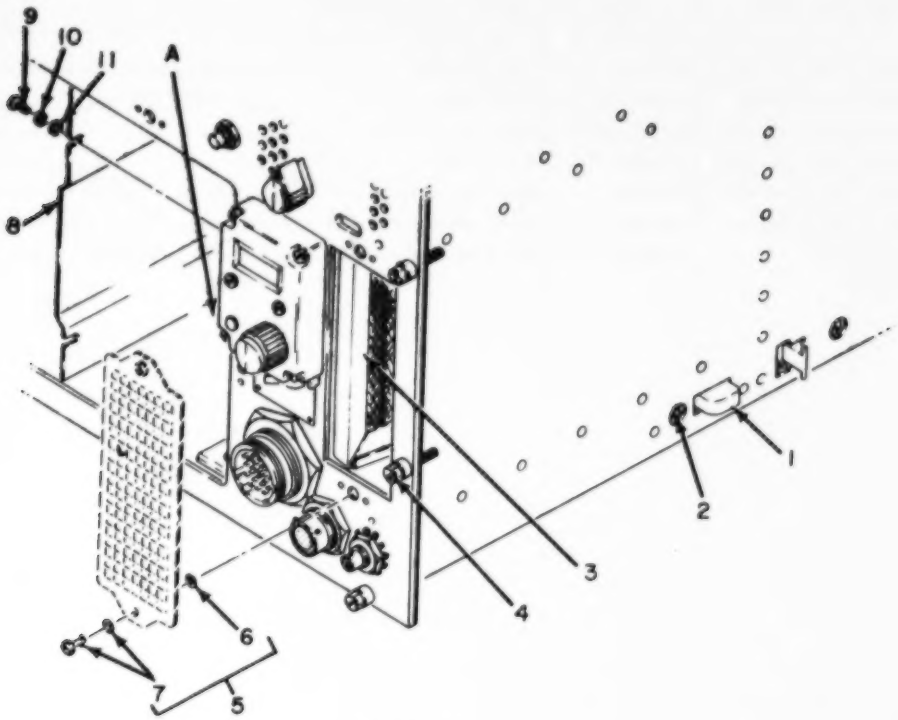
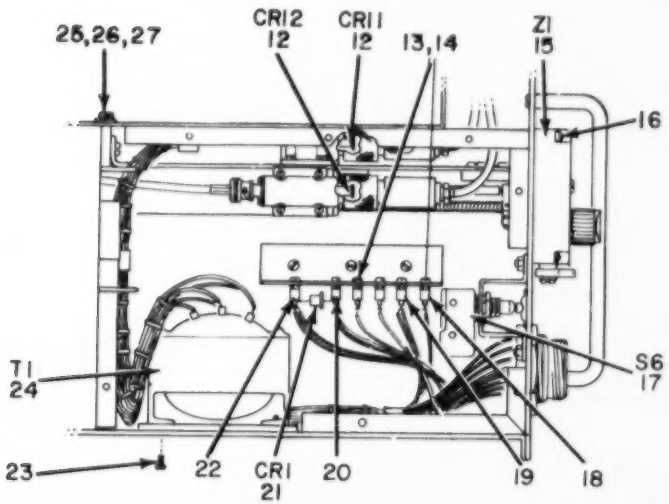


Figure 20. Transmitter, Radio T-893(P)/GRC (2), Ammeter and Switching Controls

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
20	18	XDOZZ	5305-00-655-9246	MS51021-10	96906	SETSCREW.....3HG,3HM,3HI,3HJ,3HK,3HL,3HN,3HN,3HO,3HP,5GC,5GD	EA	6
20	19	PAOZZ	5355-00-556-0151	MS91528-1D2B	96906	KNOB.....	EA	1
20	21	PAOZZ	5355-00-556-0145	MS91528-1K2B	96906	KNOB.....	EA	1
20	22	PAOZZ	5355-00-889-3379	SMB422785	80063	KNOB.....	EA	1
20	23	PDOOD	5820-00-892-3856	AM1957GRC	80058	AMPLIFIER-OSCILLATOR.....3HG,3HI,3HK,3HL,3HN,3MP,5GD,5GE,5GF,5GG	EA	1
20	23	PDOOD	5820-00-892-3857	AM1958GRC	80058	AMPLIFIER-OSCILLATOR.....3HG,3HM,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	1
20	23	XDOOD		AM1958AGRC	80058	AMPLIFIER-OSCILLATOR.....3HG,3HM,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	1



FRAME



A

NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2

EL3NB060

Figure 21. Transmitter, Radio T-893(P)/GRC (2) AFC Tuning, Assembly.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
21	3	PAOZZ	4130-00-060-9998	SMB423078-2	80063	FILTER ELEMENT,AIR	EA	1
21	12	PAOZZ	5961-00-615-5550	JANIN21WE	81349	SEMICONDUCTOR,DIODE	EA	2

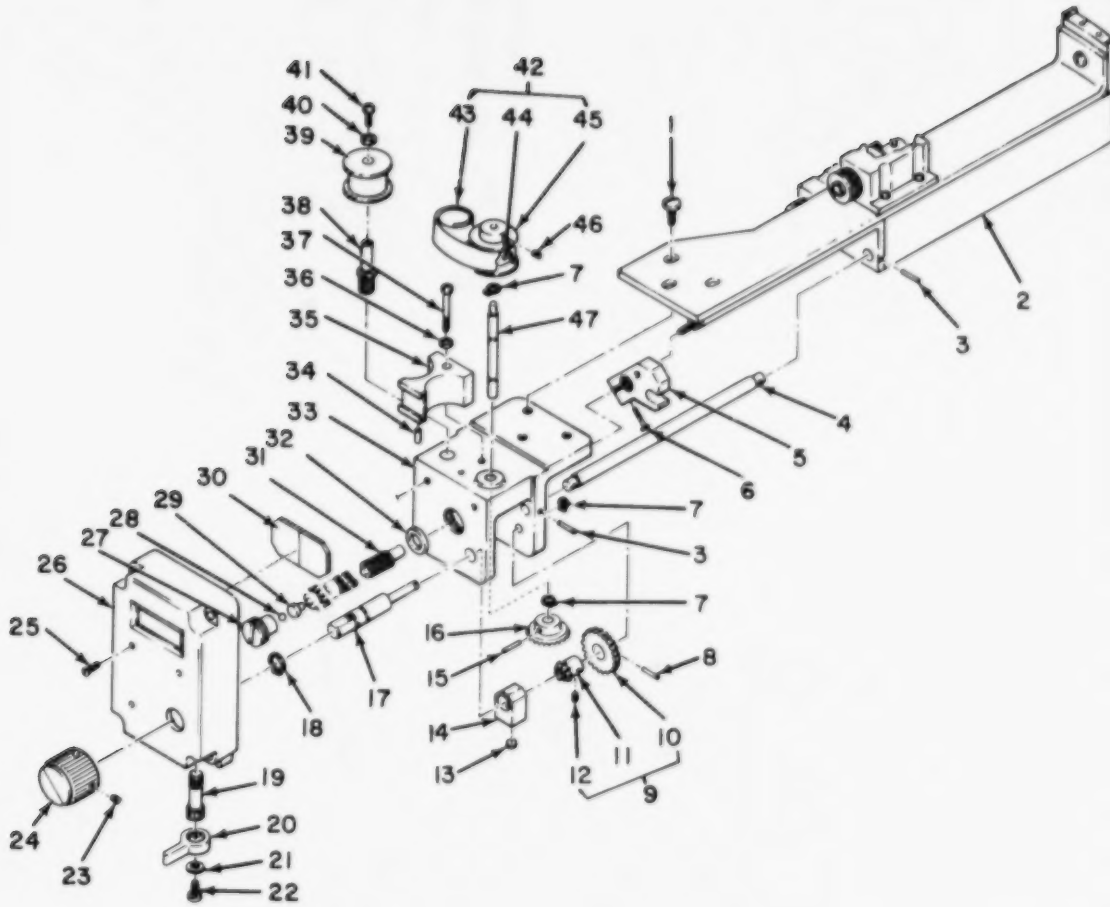
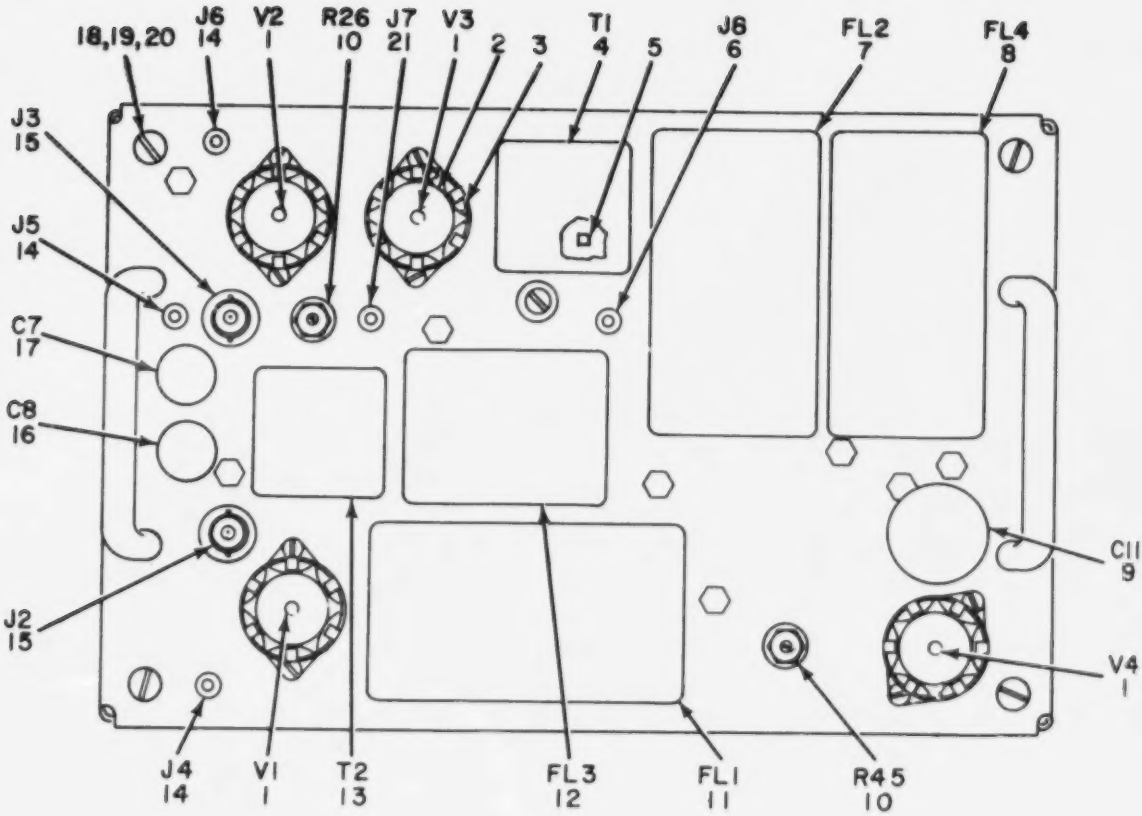


Figure 22. Transmitter, Radio T-893(P)/GRC (2), Cavity.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
22	23	XDOZZ	5305-00-281-3118	MS51021-32	96906	SETSCREW	EA	2
22	24	PAOZZ	5355-00-284-3378	SMB423172	80063	KNOB	EA	1

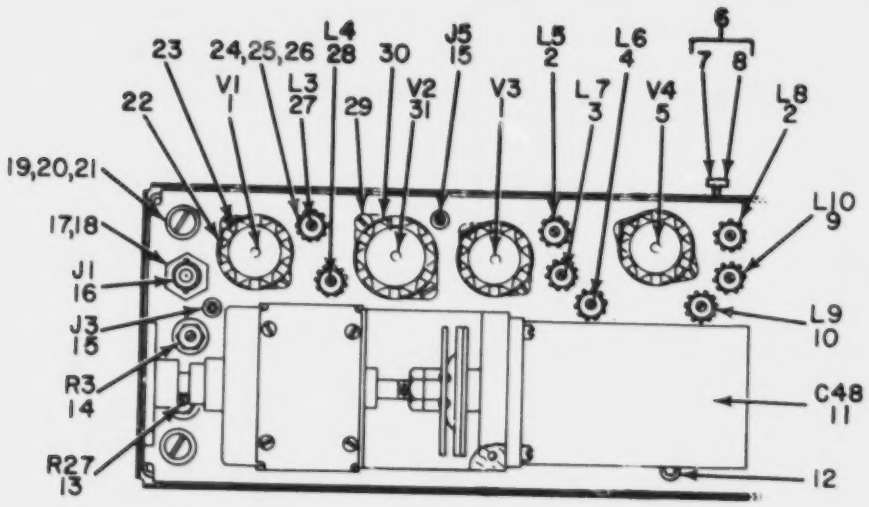


NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A3

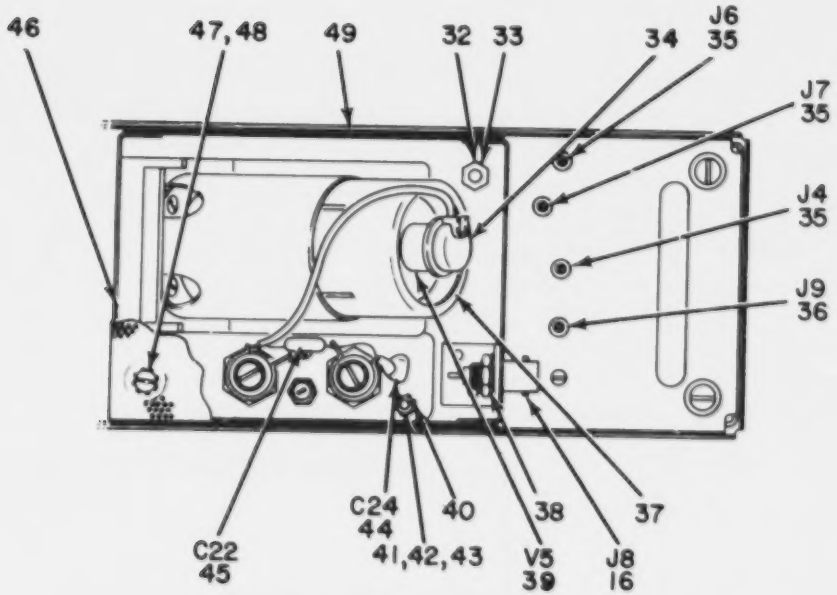
EL3NB07I

Figure 23 Transmitter Base Band Assembly (2A3).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0201 TRANSMITTER BASE BAND ASSEMBLY (2A3)		
23	1	PAOZZ	5960-00-188-6584	5670	81349	ELECTRON TUBE.....	EA	4



TOP LEFT SIDE



TOP RIGHT SIDE

NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A5

EL3NB077

Figure 24. Transmitter Modulator Assembly (2A5).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0203 TRANSMITTER MODULATOR ASSEMBLY (2A5)		
24	5	PAOZZ	5960-00-543-0219	6AN5	81349	ELECTRON TUBE	EA	1
24	39	PAOZZ	5960-00-808-4212	6146	81349	ELECTRON TUBE	EA	1

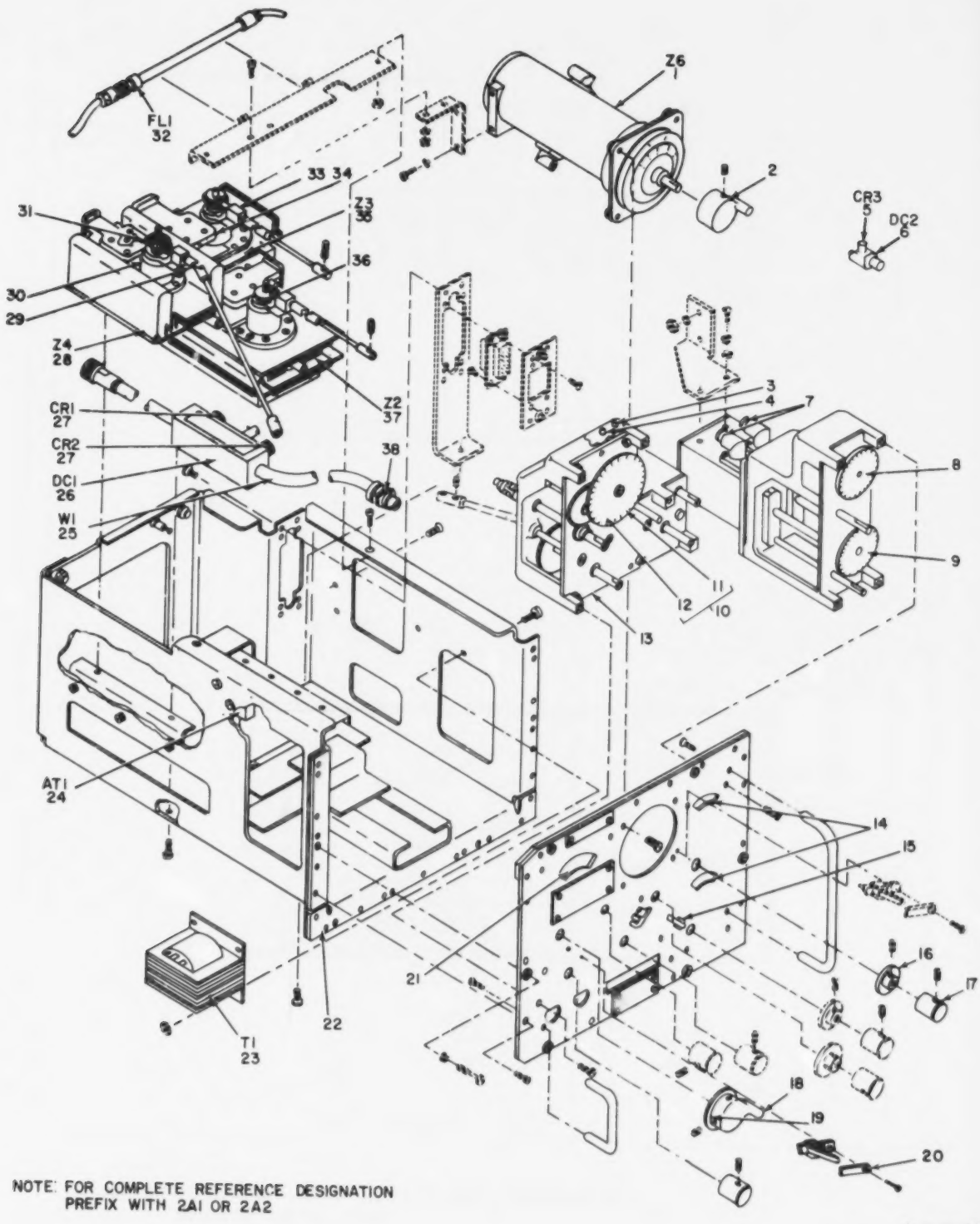
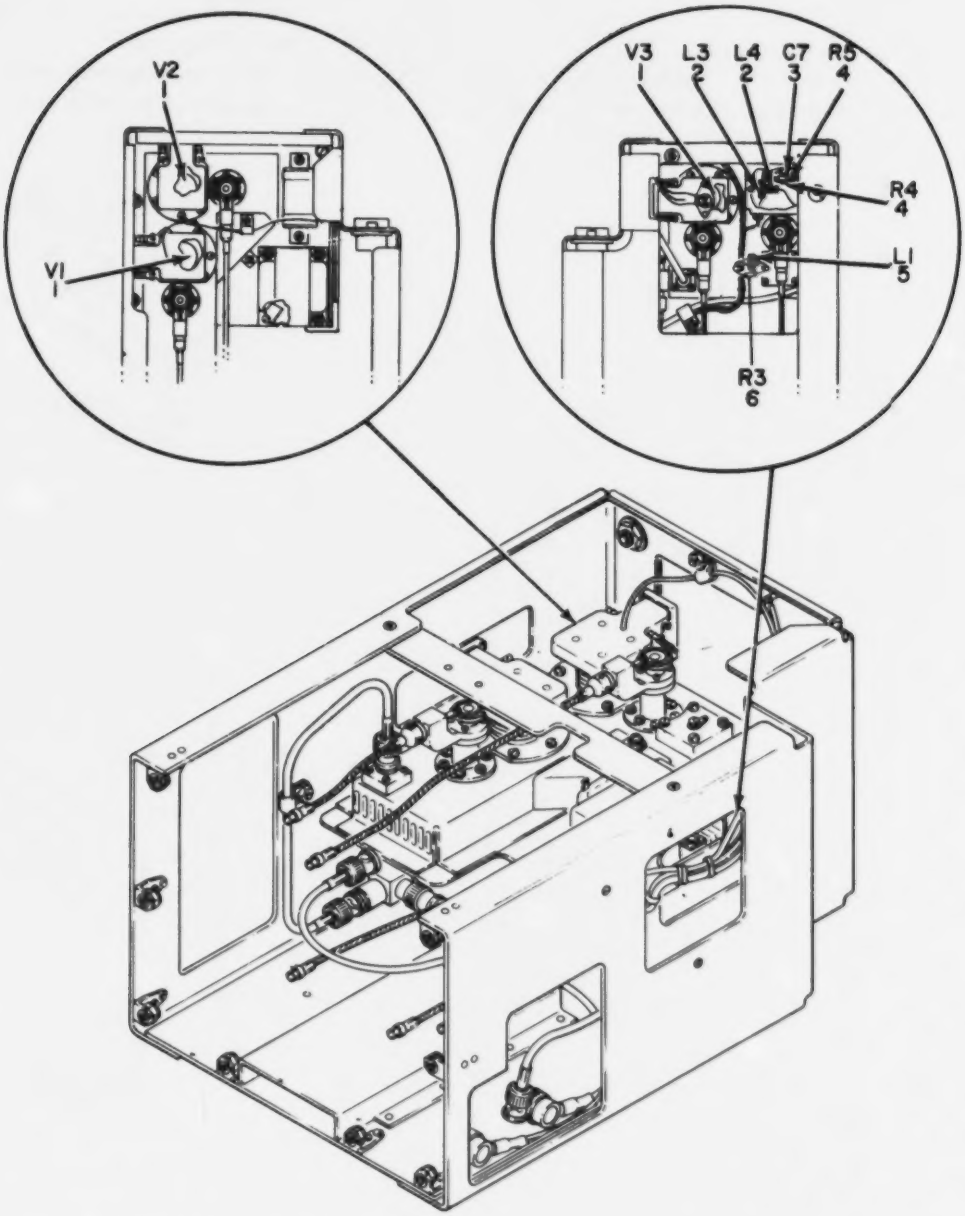


Figure 25. Amplifier-Oscillators AM-1957/GRC (2A1) or AM-1958/GRC or AM-1958A/GRC (2A2).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0205 AMPLIFIER-OSCILLATORS		
						AM-1957/GRC (2A1) OR AM-1958/GRC		
						OR AM-1958A/GRC (2A2)		
25	2	PAOZZ	5355-00-034-0990	SMB423171	80063	KNOB.....3MG,3MI,3MK,3ML,3MN,3MP,5GC,5GB,5GE,5GF,5GG	EA	1
25	17	PAOZZ	5355-00-556-0151	MS91528-102B	96906	KNOB.....3MG,3MI,3MK,3ML,3MN,3MP,5GC,5GD,5GE,5GF,5GG	EA	5



NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A1 OR 2A2

EL3NB084

Figure 26. Amplifier-Oscillators AM-1957 (2A1) or AM-1958/GRC or AM-1958A/GRC (2A2), Tuning Cavity.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
26	1	PAOZZ	5960-00-581-9119	3CX100A5	81349	ELECTRON TUBE.....3MG,3MI,3MK,3ML,3MN,3MP,5GC,5GD,5GE,5GF,5GG	EA	3

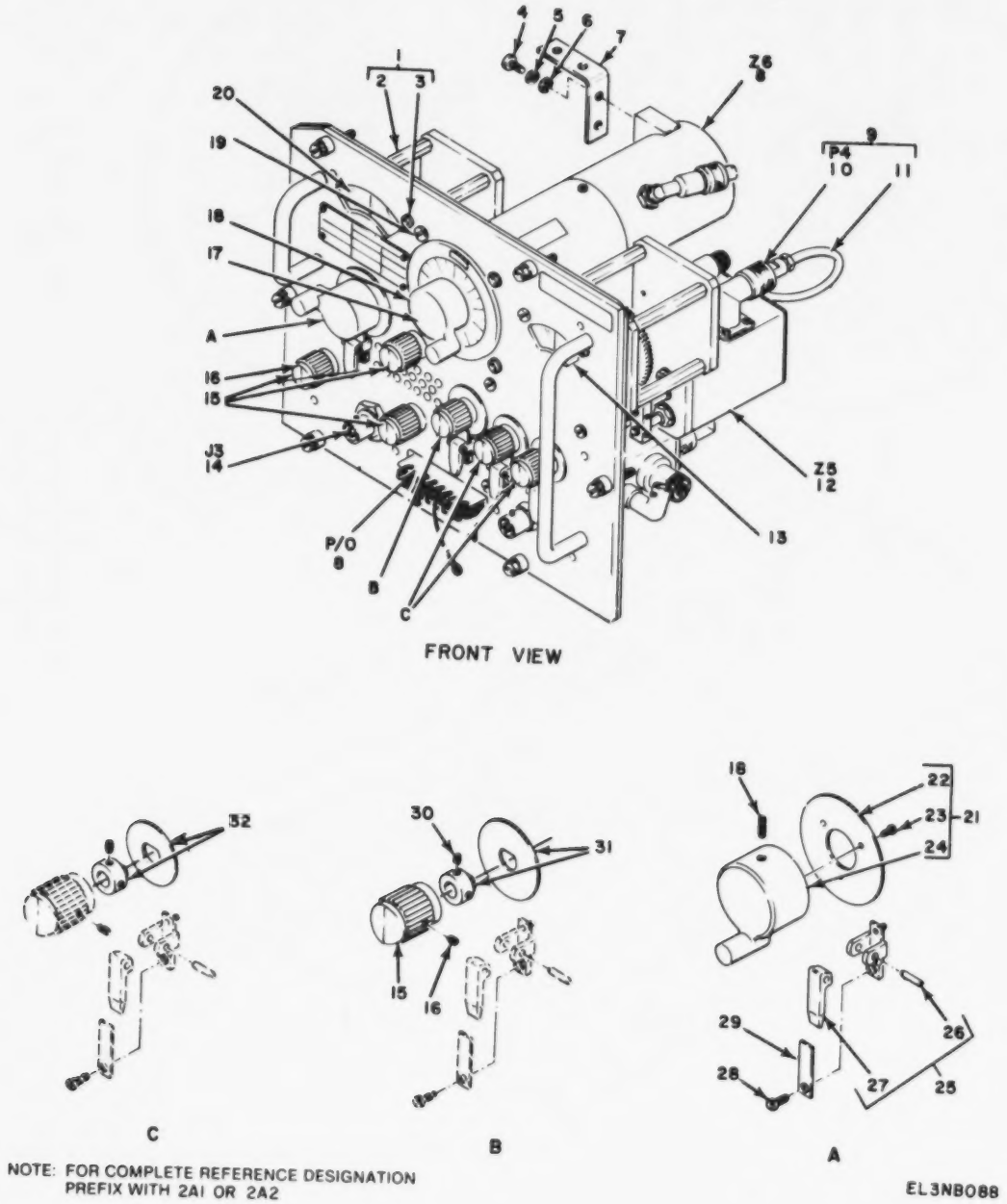
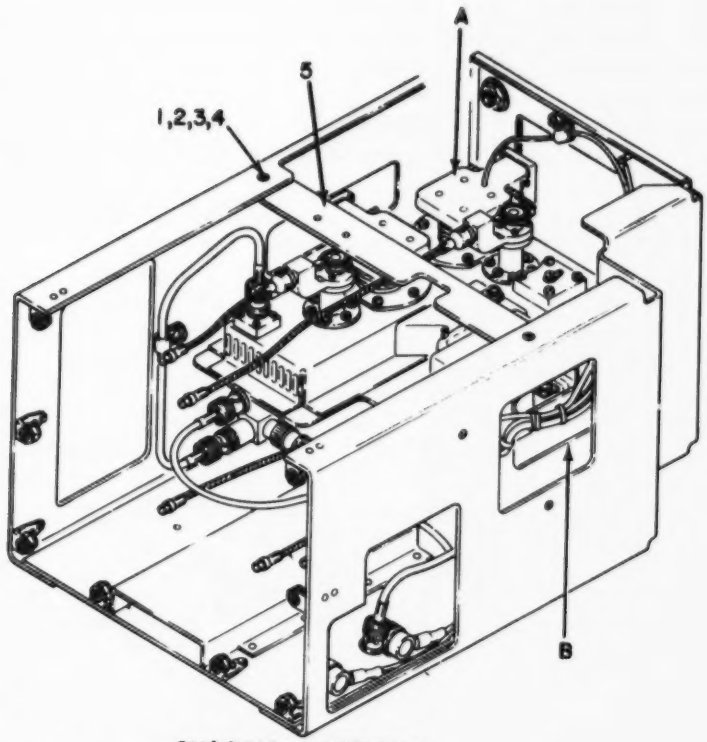
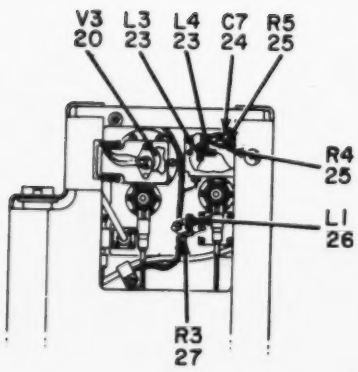


Figure 27. Amplifier-Oscillators AM-1957/GRC (2A1) or AM-1958/GRC or AM-1958A/GRC (2A2), Front Panel.

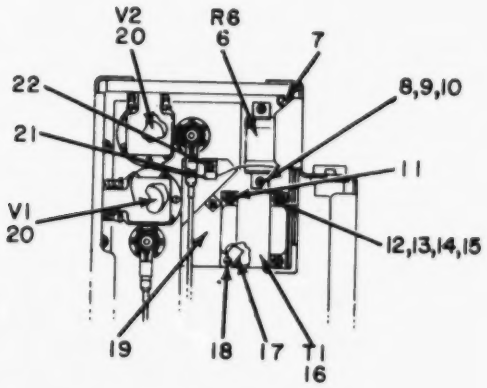
(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
27	15	PAOZZ	5355-00-556-0151	MS91528-1D2D	96906	KNOB.....3HG,3HH,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	4
27	15	PAOZZ	5355-00-556-0151	MS91528-1D2B	96906	KNOB.....3HG,3HH,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	4
27	16	XDOZZ	5305-00-800-7261	MS51021-9	96906	SETSCREW 3HG,3HH,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	12
27	17	PAOZZ	5355-00-034-0990	SMB423171	80063	KNOB.....3HG,3HH,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	1
27	18	XDOZZ	5305-00-725-0102	MS51963-39	96906	SETSCREW.....3HG,3HH,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	1
27	21	XDOZZ	5820-00-034-0907	SMB422602	80063	AMPLIFIER-OSCILLATOR.....3HG,3HH,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	1



CHASSIS ASSEMBLY



B



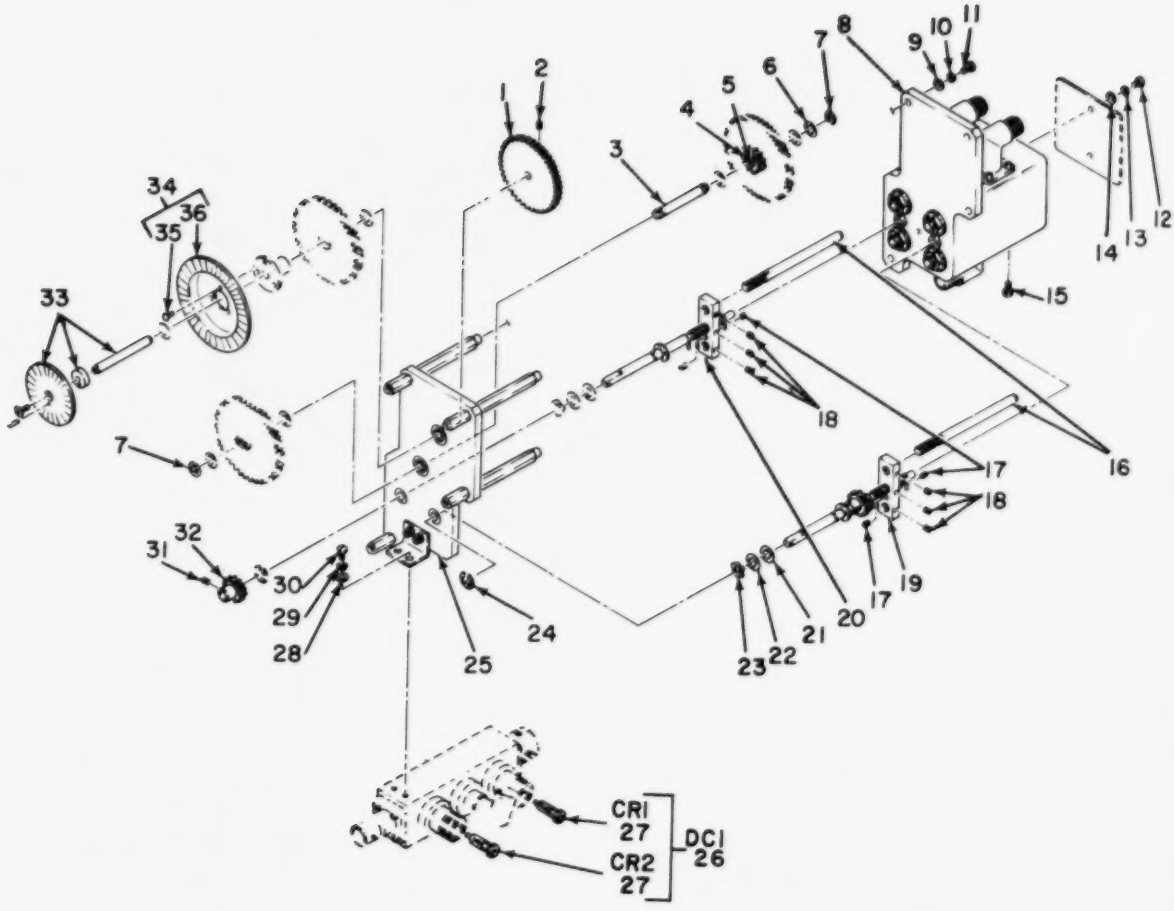
A

NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A1 OR 2A2

EL3NB089

Figure 28. Amplifier-Oscillators AM-1957/GRC (2A1) or AM-1958/GRC or AM-1958A/GRC (2A2), Chassis Assembly.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
28	20	XDOZZ		CX100A5	81349	ELECTRON TUBE.....3HG,3HH,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5G6,CJN	EA	3
28	20	PAOZZ	5960-00-815-0813	7289	81349	ELECTRON TUBE.....3HG,3HH,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5G6,CJN	EA	3

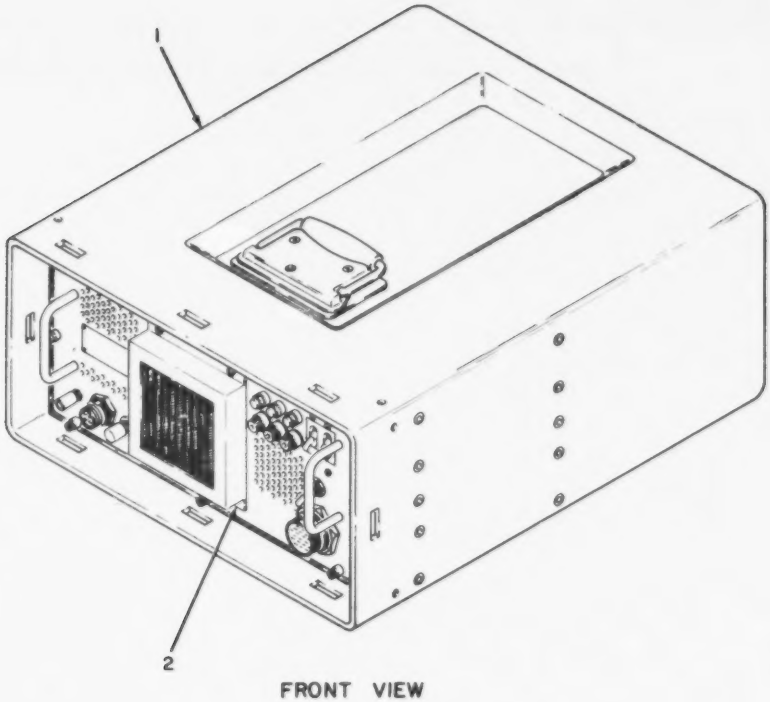


NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A1 OR 2A2

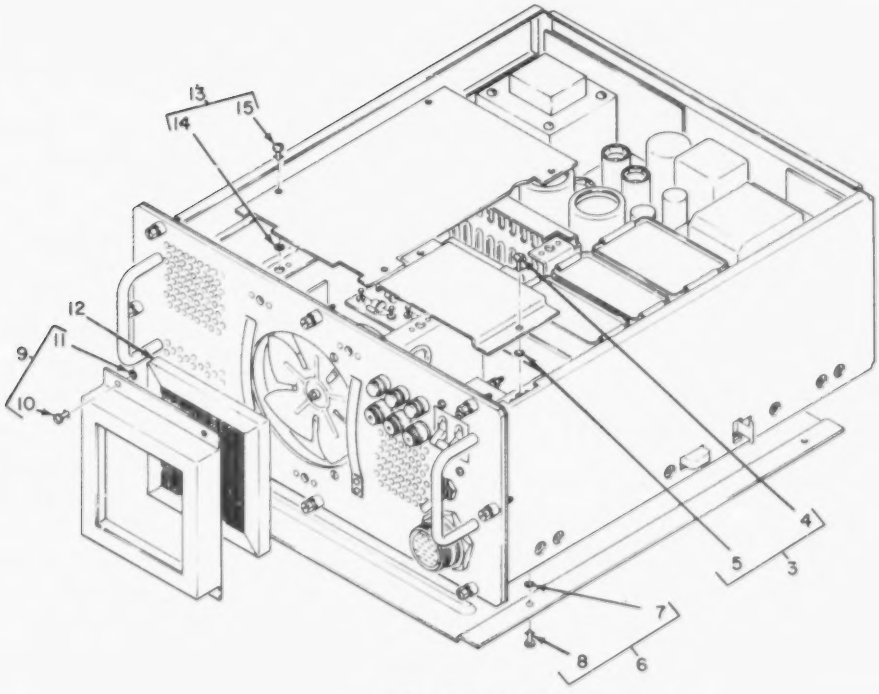
EL3NB094

Figure 29. Amplifier-Oscillators AM-1957/GRC (2A1) or AM-1958/GRC or AM-1958A/GRC (2A2), Cavity Tuning Assembly, Exploded View.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
29	27	XDOZZ		1N23WE	81349	SEMICONDUCTOR,DIODE 3HG,3HH,3HJ,3HL,3HM,3HO,5GC,5GD,5GE,5GF,5GG,CJN	EA	2



FRONT VIEW



TOP OBLIQUE VIEW

EL3NB101

Figure 30. Power Supply PP-2054(*)/GRC.

(1) ILLUSTRATION (a) FIG NO	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 04 POWER SUPPLY PP-2054(*)/GRC		
30	1	PAODD	5820-00-935-8747	CY2428GRC	80058	CASE,STD CMPNT,ELEC	EA	1
30	2	XDODD		SMD422479	80063	POWER SUPPLY	EA	1
30	12	PAOZZ	5820-00-083-0334	SNC422275	80063	FILTER	EA	1

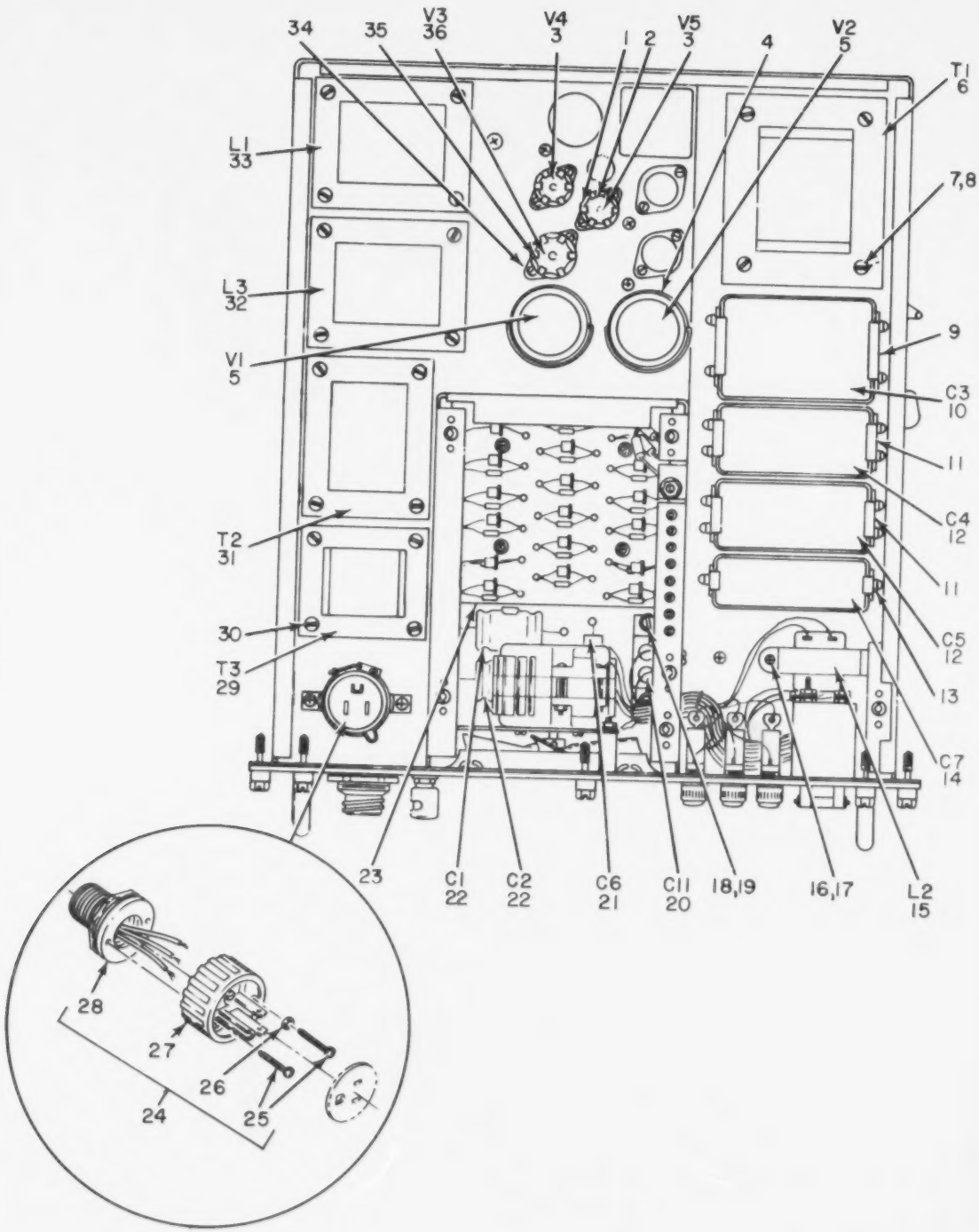


Figure 31. Power Supply PP-2054(*)/GRC, Component Parts.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
31	1	PAOZZ	5960-00-868-4365	M24251-6-3	81349	SHIELD,ELECTRON TUBE	EA	2
31	3	PAOZZ	5960-00-624-4718	OB2WA	81349	ELECTRON TUBE	EA	2
31	4	PAOZZ	5960-00-167-7651	M24251-13-5	81349	SHIELD,ELECTRON TUBE	EA	2
31	5	PAOZZ	5960-00-542-7182	6080WB	81349	ELECTRON TUBE	EA	2
31	24	PAOHH	5820-00-083-0333	SMB422961	80063	POWER SUPPLY SUBASSEMBLY	EA	1
31	34	PAOZZ	5960-00-860-7710	M24251-6-5	81349	INSERT,ELECTRON TUBE	EA	1
31	36	PAOZZ	5960-00-082-4139	5751	81349	ELECTRON TUBE	EA	1

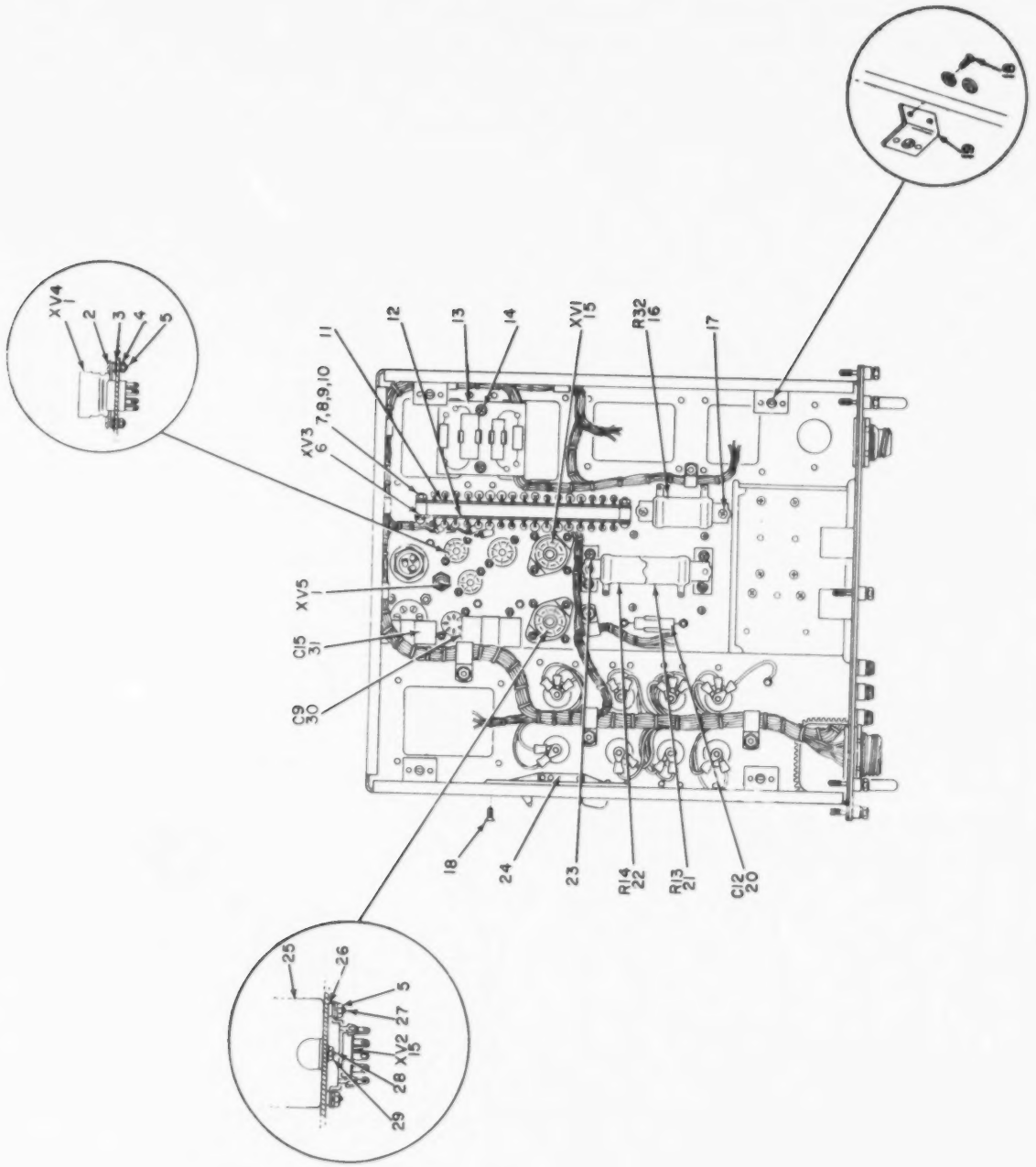


Figure 32. Power Supply PP-2054(*)GRC, Bottom View

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
32	25	XDOZZ	5960-00-410-3899	M24251-14-2	81349	RETAINER,ELECTRICAL	EA	2

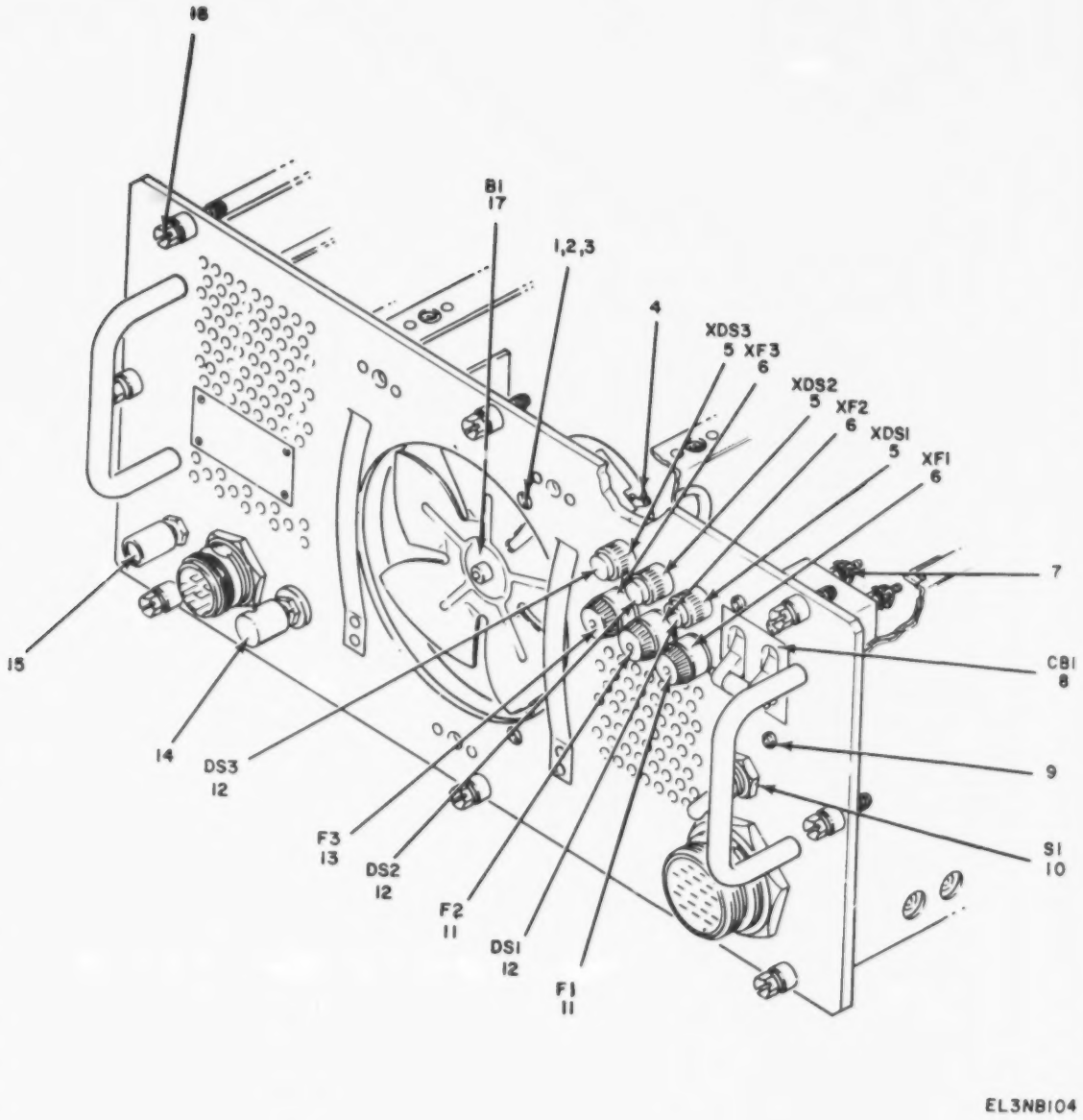
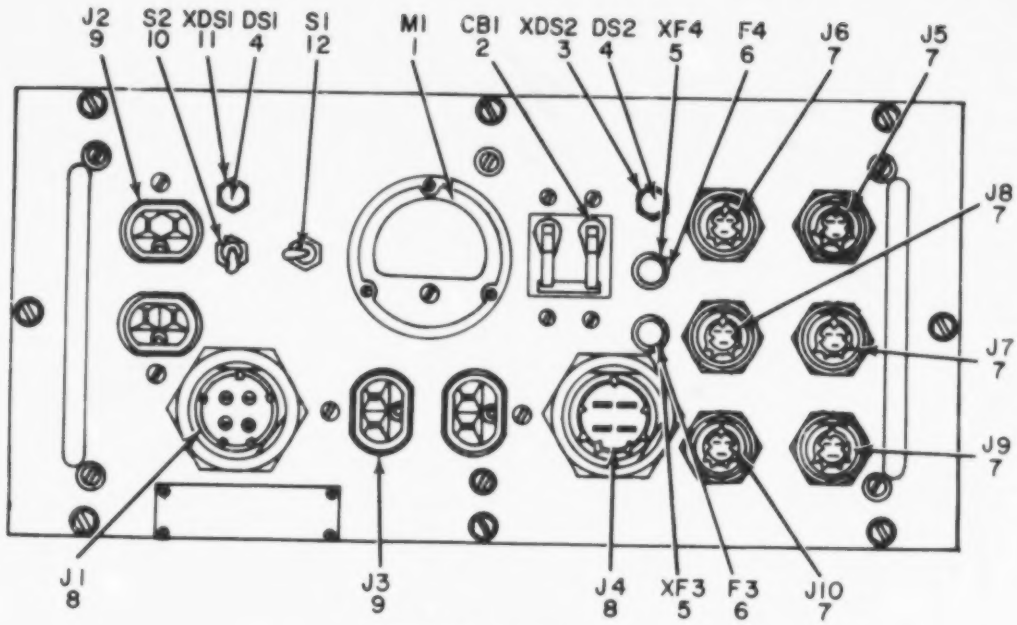
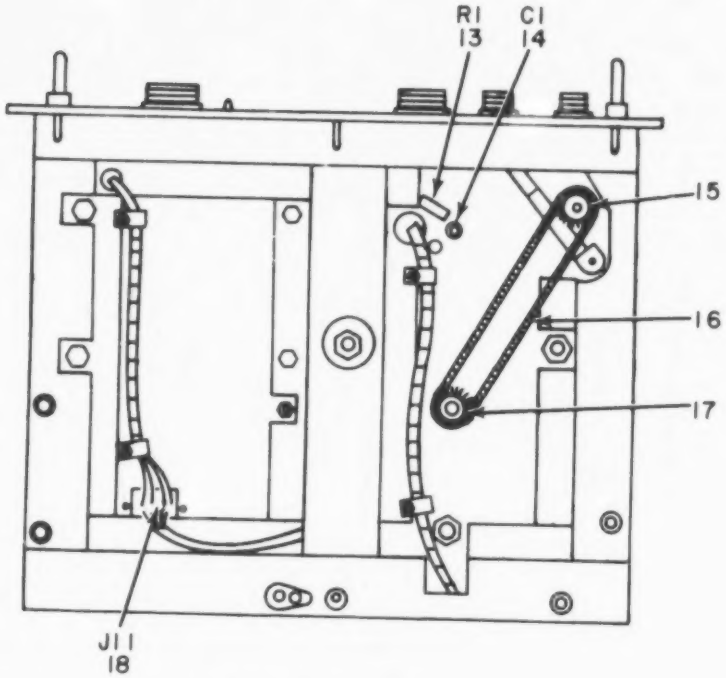


Figure 33. Power Supply PP-2054(*)/GRC, Front Panel.

(1) ILLUSTRATION (a) FIG. NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
33	11	PAOZZ	5920-00-681-0918	F02B125V3A	81349	FUSE,CARTRIDGE	EA	2
33	12	PAOZZ	6240-00-155-7857	MS25237-328	96906	LAMP,INCANDESCENT	EA	3
33	13	PAOZZ	5920-00-284-6796	F03B32V5A	81349	FUSE,CARTRIDGE	EA	1



FRONT VIEW



BOTTOM VIEW

NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1

EL3NB111

Figure 34. Regulator, Voltage CN-514/GRC (10)(11).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 05 REGULATOR,VOLTAGE CN-514/GRC (10)(11)		
34	4	PAOZZ	6240-00-155-7836	MS25237-327	96906	LAMP,INCANDESCENT....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,5GD,5GE,5GF,5GG	EA	2
34	6	PAOZZ	5920-00-665-2881	MS90079-1	96906	FUSE,CARTRIDGE.....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,5GD,5GE,5GF,5GG	EA	2

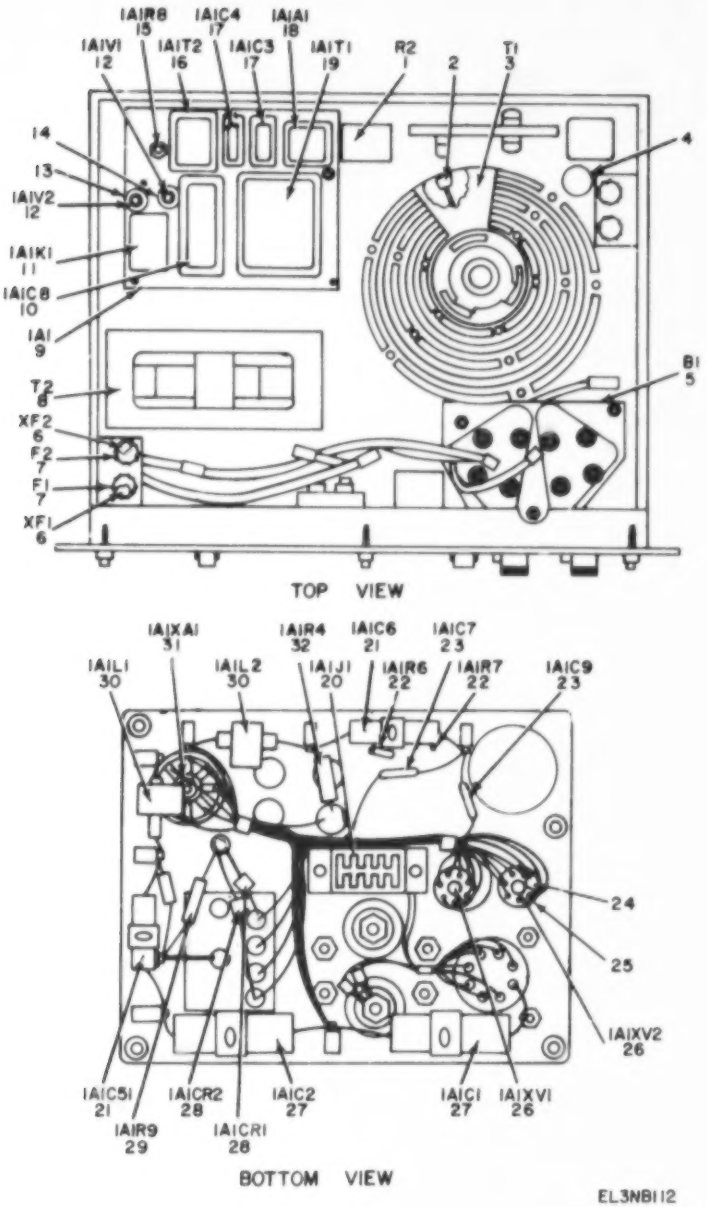
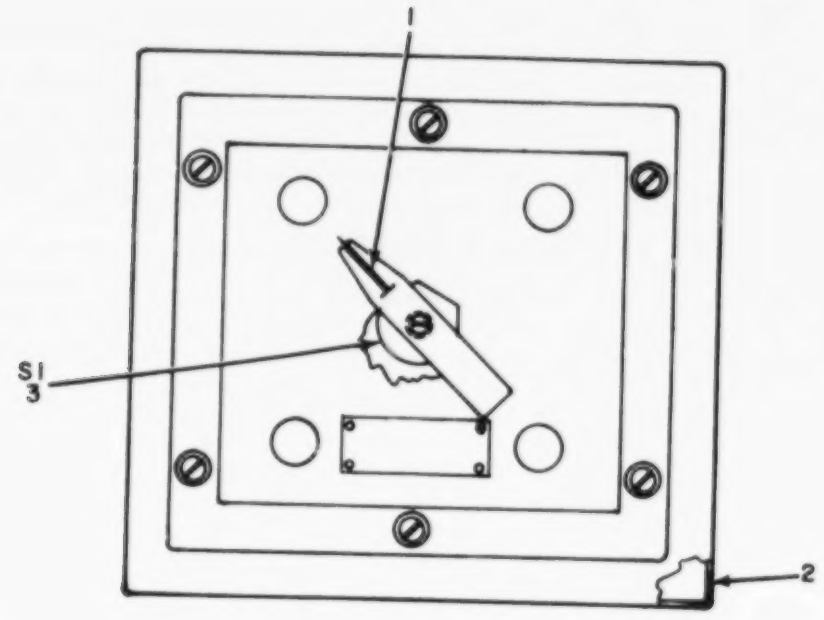
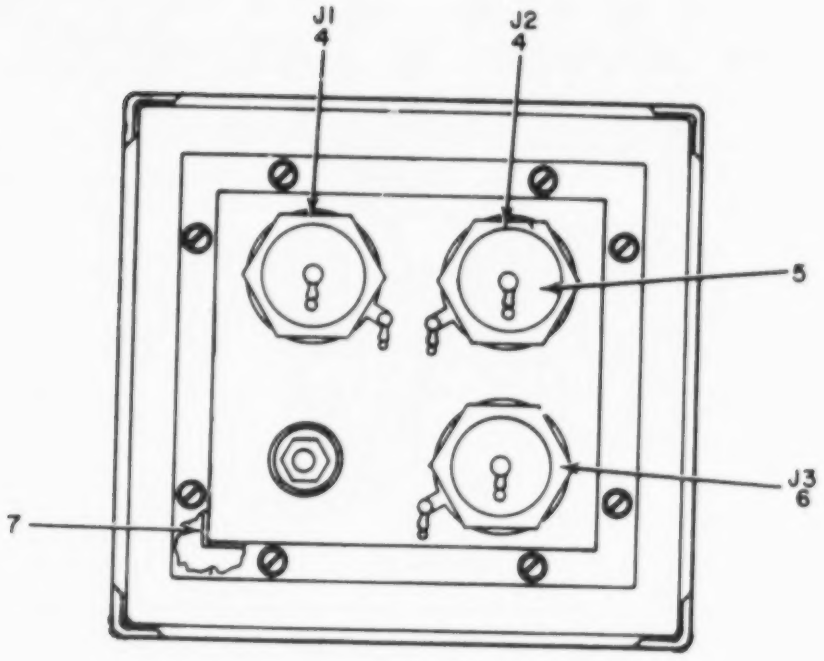


Figure 35. Regulator, Voltage CN-514/GRC (10)(11), Internal View.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
35	4	XDDZZ		SCC31469GP11	80063	SHIELD,ELECTRON TUBE.....3HG,3HH,3HI,3HJ,3HK,3HL,3HP,3HN,3HO,3HP,5GC,5GD	EA	1
35	7	PADZZ	5920-00-557-6057	MS90079-0	98906	FUSE,CARTRIDGE.....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,3HP,5GD,5GE,5GF,5GG	EA	2
35	9	XDGZZ		SMD422901	80063	REGULATOR ASSY.....3HG,3HH,3HI,3HK,3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG	EA	1
35	12	XDDZZ		57272D21W	81349	ELECTRON TUBE...3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE,5GF,5GG	EA	2
35	13	XDDZZ		SCC31470-5	80063	INSERT,ELECTRON TUBE....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,3HP,5GC,5GC,5GE, 5GF,5GG	EA	3
35	14	XDDZZ		SCC31469GP11	80063	SHIELD,ELECTRON TUBE....3HG,3HH,3HI,3HJ,3HK,3HL,3HP,3HN,3HO,3HP,5GC,5GD,5GE, 5GF,5GG	EA	2
35	18	PADZZ	5905-00-064-5369	SMC422907	80063	RESISTOR ASSEMBLY.....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,3HP	EA	1
35	20	XDDZZ		SCC31470-4	80063	INSERT,SHIELD.....3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,3HP	EA	2
35	25	PADZZ	5935-00-088-4211	SCC31471-1	80063	RETAINER,ELECTRON,TUBE..3HG,3HH,3HI,3HJ,3HK,3HL,3HM,3HN,3HO,3HP,5GC,5GD,5GE 5GF,5GG	EA	3



FRONT VIEW



REAR VIEW

EL3NB113

Figure 36. Switch Box SA-640/U.

(1) ILLUSTRATION (a) FIG NO	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION (TABLE OF CODE)	(7) U/M	(8) QTY INC IN UNIT
						GROUP 06 SWITCH BOX SA-640/U		
36	1	PAOZZ	5355-00-523-8267	SC867007	80063	KNOB.....3H6,3H8,3H1,3H3,3H4	EA	1
36	5	XBOZZ		ORCA24R	81349	CAP,DUST.....	EA	3

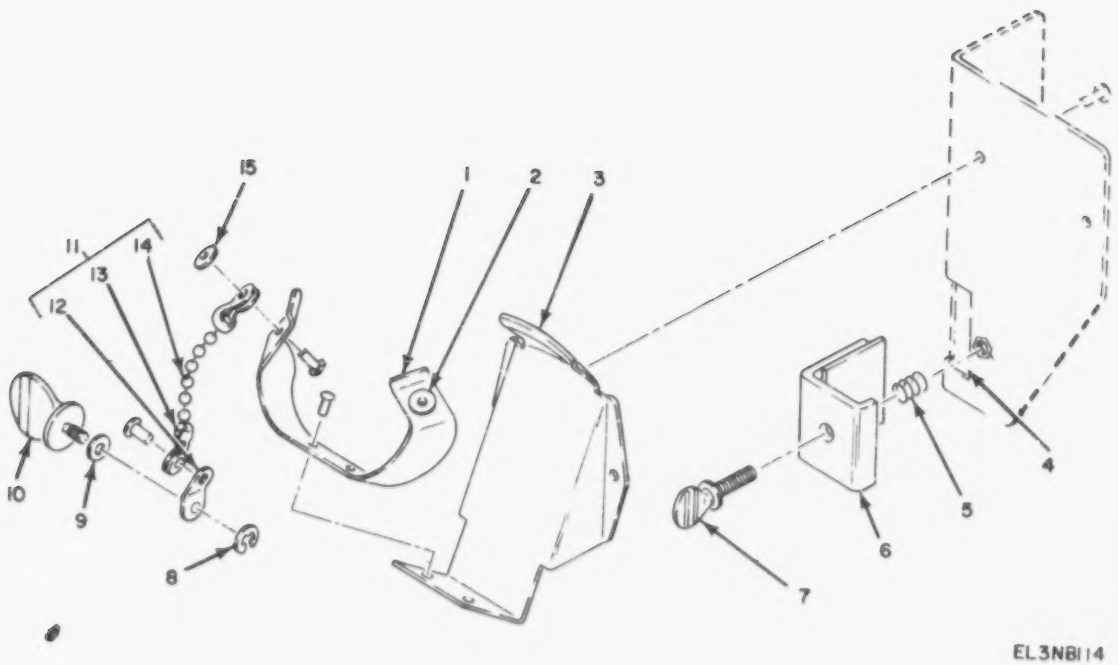


Figure 37. Holder, Hand Set MT-2161/U.

(1) ILLUSTRATION (a) FIG NO	(1) ILLUSTRATION (b) ITEM NO	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION (INDENTURE CODE)	(7) U/M	(8) QTY INC IN UNIT
						GROUP 07 HOLDER,HANDSET MT-2161/U		
37	4	XDOZZ		SMB423495	80063	BRACKET,MTG,HOLDER	EA	1
37	5	XDOZZ		SMB423487	80063	SPRING,HLCPS	EA	1
37	6	XDOZZ		SMB423492	80063	CLAMP,HOLDER	EA	1
37	7	XDOZZ		SMB423491	80063	THUMBSCREW	EA	1
37	8	XDOZZ		MS16633-1012	96906	RING,RETAINING	EA	1
37	9	XDOZZ	5310-00-045-4007	MS35337-41	96906	WASHER,LOCK	EA	1
37	10	XDOZZ		SMB423490	96906	THUMBSCREW	EA	1

STOCK NUMBER	FIGURE NO.	ITEM NO.
5820-00-034-0907	12	19
5820-00-034-0907	12	19
5820-00-034-0907	27	21
5355-00-034-0990	9	20
5355-00-034-0990	9	22
5355-00-034-0990	12	25
5355-00-034-0990	25	2
5355-00-034-0990	27	17
5310-00-045-4007	37	9
5960-00-045-8639	11	4
5960-00-045-8639	15	8
5960-00-045-8639	16	3
4130-00-060-9998	21	3
4130-00-061-2427	8	6
5905-00-064-5369	35	18
5365-00-064-5435	1	4
5820-00-064-5450	1	11
5820-00-064-5450	1	11
5820-00-064-5451	1	13
5820-00-064-5451	1	13
5820-00-064-5451	1	13
6110-00-064-5478	1	12
5935-00-064-5560	1	23
5935-00-064-5560	1	23
5935-00-064-5560	1	23
5935-00-064-5561	1	21
5935-00-064-5561	1	21
5935-00-064-5561	1	21
5935-00-064-5561	1	21
5960-00-082-4139	4	5
5960-00-082-4139	16	32
5960-00-082-4139	31	36
5820-00-082-4293	3	22
5820-00-083-0333	5	25
5820-00-083-0333	31	24
5935-00-088-4211	4	9
5935-00-088-4211	35	25
5960-00-134-6064	16	17
6240-00-155-7836	34	4
6240-00-155-7857	3	23
6240-00-155-7857	7	22
6240-00-155-7857	19	14
6240-00-155-7857	33	12
5960-00-167-7651	31	4
5960-00-179-4749	14	22
5960-00-179-4749	15	11
5960-00-188-6584	14	5
5960-00-188-6584	15	5
5960-00-188-6584	16	28
5960-00-188-6584	17	1
5960-00-188-6584	18	12
5960-00-188-6584	23	1
5960-00-247-8748	11	1
5960-00-262-1357	16	3
5305-00-281-3118	22	23
5920-00-284-6896	7	19
5920-00-284-6796	33	13
5355-00-289-2378	22	24
5960-00-410-3899	32	25
5920-00-504-0540	7	19
5355-00-523-8267	36	1
5960-00-542-7004	15	1
5960-00-542-7182	4	2
5960-00-542-7182	31	5
5960-00-543-0219	24	5
5960-00-543-1001	4	2

STOCK NUMBER	FIGURE NO.	ITEM NO.
5355-00-556-0145	3	20
5355-00-556-0145	3	20
5355-00-556-0145	19	18
5355-00-556-0145	20	21
5355-00-556-0151	3	14
5355-00-556-0151	21	12
5355-00-556-0151	20	19
5355-00-556-0151	25	17
5355-00-556-0151	27	15
5920-00-557-6057	35	7
5960-00-577-3078	14	22
5961-00-615-5550	12	1
5960-00-624-4718	4	4
5960-00-624-4718	31	3
5935-00-651-2698	4	6
5305-00-655-9246	3	15
5305-00-655-9246	19	17
5305-00-655-9246	20	18
5920-00-665-2881	34	6
5920-00-681-0918	33	11
5305-00-725-0102	12	18
5305-00-725-0102	27	18
5305-00-800-7261	27	16
5960-00-808-4212	24	39
5960-00-815-0813	28	20
5960-00-820-8717	15	9
5960-00-858-5172	11	5
5960-00-858-5172	15	6
5960-00-860-7709	15	12
5960-00-860-7710	15	10
5960-00-860-7710	31	34
5960-00-866-2712	11	2
5960-00-866-2712	15	3
5960-00-868-4365	31	1
5960-00-879-5079	16	17
5820-00-889-0857	1	5
5820-00-889-0857	1	5
5820-00-889-0857	1	5
5355-00-889-3378	6	20
5355-00-889-3379	12	25
5355-00-889-3379	20	22
5355-00-889-3450	3	21
5820-00-892-3856	20	23
5820-00-892-3857	20	23
5820-00-892-3858	1	7
5820-00-892-3858	1	7
5820-00-892-3858	1	7
5820-00-892-3859	3	22
5820-00-892-3860	3	22
5820-00-892-3862	1	2
5820-00-892-3862	1	2
5820-00-892-3862	1	2
5820-00-892-3863	1	6
5820-00-892-3863	1	6
5820-00-892-3863	1	6
5935-00-892-8878	1	22
5935-00-892-8878	1	22
5935-00-892-8878	1	22
5935-00-892-8878	1	22
5935-00-892-8878	1	22
5820-00-935-8747	28	20
5355-00-989-4269	3	14
5820-00-020-2259	1	7
5820-00-020-2259	1	7
5820-01-010-2259	1	7

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AB577GRC	80058	1	2
AB577GRC	80058	1	2
AB577GRC	80058	1	2
AM1955AGRC	80058	3	22
AM1955GRC	80058	3	22
AN1956AGRC	80058	3	22
AM1956BGRC	80058	3	22
AM1956GRC	80058	3	22
AM1958AGRC	80058	20	23
AM1959GRC	80058	20	23
AM1957GRC	80058	20	23
AT903GRC	80058	1	1
AT903GRC	80058	1	1
AT903GRC	80058	1	1

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
BG102A	80058	1	9
BG102A	80058	1	9
BG102A	80058	1	9
CN514GRC	80058	1	12
CX100A5	80058	28	20
CY2429GRC	80058	30	1
CY2582GRC	80058	1	13
CY2582GRC	80058	1	13
CY2582GRC	80058	1	13
CY2853GRC	80058	1	11
CY2583GRC	80058	1	11
C40A	81349	10	40
F02B125V3A	81349	33	11
F03B32V5A	81349	7	19

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX.

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
F03B32V5A	81349	33	13
HS26633-1012	96906	37	8
H156U	80058	1	3
H156U	80058	1	3
H156U	80058	1	3
JAN1N21WE	81349	12	1
MS24233-5	96906	4	8
MS25237-327	96906	3	23
MS25237-328	96906	7	22
MS25237-328	96906	34	4
MS25237-328	96906	7	22
MS25237-328	96906	18	14
MS25237-8	96906	33	12
MS35337-41	96906	37	9
MS51021-10	96906	3	15
MS51021-10	96906	19	17
MS51021-10	96906	20	18
MS51021-32	96906	22	23
MS51021-9	96906	27	16
MS51963-39	96906	12	18
MS51963-39	96906	27	18
MS90079-1	96906	34	6
MS90079-22-1	96906	7	9
MS90079-8	96906	35	7
MS91528-1D2B	96906	3	14
MS91528-1D2B	96906	20	19
MS91528-1D2B	96906	25	17
MS91528-1D2B	96906	27	15
MS91528-1K2B	96906	3	20
MS91528-1K2B	96906	19	18
MS91528-1K2B	96906	20	21
MS91528-1028	96906	3	14
MT2161V	80058	1	4
MT2161V	80058	1	4
MT2161V	80058	1	4
M2425-13-5	81349	31	4
M2425-14-2	81349	32	25
M24251-6-1	81349	11	5
M24251-6-1	81349	15	6
M24251-6-2	81349	15	12
M24251-6-3	81349	31	1
M24251-6-4	81349	11	2
M24251-6-4	81349	15	3
M24251-6-5	81349	15	10
M24251-6-5	81349	31	34
MP205GRC	80058	1	5
MP205GRC	80058	1	5
MP205GRC	80058	1	5
MRCA24R	81349	36	5
N1148(P)GRC	80058	1	7
N1148(P)GRC	80058	1	7
N1148(P)GRC	80058	1	7
N1331BPGRC	80058	1	7
N1331BPGRC	80058	1	7
N1331BPGRC	80058	1	7
NCB67007	80063	36	1
NCC31469GP11	80063	35	4
NCC31469GP11	80063	35	14
NCC31470-4	80063	35	24
NCC31470-5	80063	35	13
NCC31471-1	80063	4	9
NCC31471-1	80063	35	25
NCC31471-1	80063	4	6
NMB422602	80063	12	19
NMB422602	80063	12	19
NMB422602	80063	27	21
NMB422785	80063	12	25
NMB422785	80063	20	22
NMB422961	80063	5	25
NMB422961	80063	31	24
NSMB423078-1	80063	8	6
NSMB423078-2	80063	21	3
NSMB423171	80063	9	20
NSMB423171	80063	9	22
NSMB423171	80063	25	2
NSMB423171	80063	27	17
NSMB423172	80063	6	20
NSMB423172	80063	22	24
NSMB423367	80063	13	1
NSMB423487	80063	37	5
NSMB423487	80063	37	5
NSMB423490	80063	37	10
NSMB423491	80063	37	7
NSMB423492	80063	37	6
NSMB423495	80063	37	4
NSMB423495	80063	37	14
NSMB424034	80063	3	21
NSMC422275	80063	30	12
NSMC422907	80063	35	18
NSMC446561	80063	19	23
NSMD422901	80063	35	9
NSMD422479	80063	30	2
NT893PGRC	80058	1	6
NT893PGRC	80058	1	6
NT893PGRC	80058	1	6
NUG1373U	80058	1	21
NUG1373U	80058	1	21
NUG1373U	80058	1	21
NUG1374U	80058	1	22
NUG1374U	80058	1	22
NUG1374U	80058	1	22
NUG1374U	80058	1	22
NUG1375U	80058	1	23
NUG1375U	80058	1	23
NUG1375U	80058	1	23
O82WA	81349	4	4
O82WA	81349	31	3
OOX4416	15196	13	2
OIN23WE	81349	29	17
P3CX100A5	81349	26	1
P5654	81349	11	4
P5654	81349	15	8
P5654	81349	16	3
P5654/6AK5W	81349	16	3
P5670	81349	15	5
P5671	81349	16	28
P5672	81349	17	1
P5676	81349	14	5
P5679	81349	18	12
P5679	81349	23	1
P5679WA	81349	14	5
P5687WA	81349	14	22
P5687WB	81349	14	22
P5687WB	81349	15	11
P5725	81349	16	17
P5725/6A56W	81349	16	17
P5727D21W	81349	35	12
P5751	81349	4	5
P5751	81349	16	32
P5751	81349	31	36
P5842	81349	11	1
P6080WA	81349	4	2
P6080WB	81349	4	2
P6080WB	81349	31	5
P6AH6WA	81349	15	1
P6AN5	81349	24	5
P6146	81349	24	39
P6688	81349	15	9
P6688	81349	16	7
P7289	81349	28	20

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.
5820-00-083-0334	30	12
5960-00-284-5843	14	5
5960-00-581-9119	26	1
5961-00-615-5550	21	12
5810-00-856-9925	1	1
5820-00-856-9925	1	1
5820-00-856-9925	1	1

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
JAN1N21WE	81349	21	12
SCDL498260	80063	2	1

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS

SOMETHING WRONG WITH THIS MANUAL?

THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM, TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)
Commander
Stateside Army Depot
ATTN: AMSTA-US
Stateside, N.J. 07703

DATE: 4 April 1978

PUBLICATION NUMBER	DATE	TITLE
TM 11-5840-340-14&P	23 Jan 74	Radar Set AN/PLC-76

BE EXACT...PIN-POINT WHERE IT IS

PAGE NO.	PARAGRAPH	FIGURE NO.	TABLE NO.	IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:
2-25	2-28			Recommend that the installation antenna alignment procedure be changed throughout to specify a 2° IFF antenna lag rather than 1°. REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 25 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.
3-10	3-3		3-1	Item 5, Function column. Change "2 db" to "3db." REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.
5-6	5-8			Add new step f.1 to read, "Replace cover plate removed in step e.1, above." REASON: To replace the cover plate.
E-5				For item 2, change the NSN to read: 5835-00-134-9186. REASON: Accuracy.
E-8		E-3		Identify the cover on the junction box (item no. 5). REASON: It is a separate item and is not called out on figure 19.
E-9				Add the cover of the junction box as an item in the listing for figure 19. REASON: Same as above.

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER	SIGN HERE:
SSG I. M. DeSpiritof 999-1776	SSG I. M. DeSpiritof

DA FORM 1 AUG 74 2028-2

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR MANUAL "FINDS" MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

TEAR ALONG DOTTED LINE

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS

SOMETHING WRONG WITH THIS MANUAL?

THEN. . .JOT DOWN THE DOPE ABOUT IT ON THIS FORM, TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

PUBLICATION NUMBER	DATE	TITLE
TM 11-5820-461-20P	8 Feb 80	RADIO SETS AN/GRC-50(V)1, THRU 5, AN/GRC-50A(V)1 THRU 11

BE EXACT. . .PIN-POINT WHERE IT IS

PAGE NO.	PARAGRAPH	FIGURE NO.	TABLE NO.

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

DA FORM 1 AUG 74 2028-2

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR MANUAL "FIND," MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

TEAR ALONG DOTTED LINE

FILL IN YOUR UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

Commander
US Army Communications and
Electronics Materiel Readiness Command
ATTN: DRSEL-ME-MQ
Fort Monmouth, New Jersey 07703

FOLD BACK

TEAR ALONG DOTTED LINE

REVERSE OF DA FORM 2028-2

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS

SOMETHING WRONG WITH THIS MANUAL?

THEN. . .JOT DOWN THE DOPE ABOUT IT ON THIS FORM, TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

PUBLICATION NUMBER	DATE	TITLE
TM 11-5820-461-20P	8 Feb 80	RADIO SETS AN/GRC-50(V)1 THRU 5, AN/GRC-50A(V)1 THRU 11

BE EXACT. . .PIN-POINT WHERE IT IS

PAGE NO.	PARAGRAPH	FIGURE NO.	TABLE NO.

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

DA FORM 1 AUG 74 2028-2

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR MANUAL "FIND," MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

TEAR ALONG DOTTED LINE

FILL IN YOUR UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

Commander
US Army Communications and
Electronics Materiel Readiness Command
ATTN: DRSEL-ME-MQ
Fort Monmouth, New Jersey 07703

TEAR ALONG DOTTED LINE

FOLD BACK

REVERSE OF DA FORM 2028-2

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS

SOMETHING WRONG WITH THIS MANUAL?

THEN. . .JOT DOWN THE DOPE ABOUT IT ON THIS FORM, TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

PUBLICATION NUMBER	DATE	TITLE
TM 11-5820-461-20P	8 Feb 80	RADIO SETS AN/GRC-50(V)1 THRU 5, AN/GRC-50A(V)1 THRU 11

BE EXACT. . .PIN-POINT WHERE IT IS

PAGE NO.	PARAGRAPH	FIGURE NO.	TABLE NO.

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

DA FORM 1 AUG 74 2028-2

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR MANUAL "FIND," MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

TEAR ALONG DOTTED LINE

FILL IN YOUR UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

Commander
US Army Communications and
Electronics Materiel Readiness Command
ATTN: DRSEL-ME-MQ
Fort Monmouth, New Jersey 07703

FOLD BACK

TEAR ALONG DOTTED LINE

REVERSE OF DA FORM 2028-2

By Order of the Secretary of the Army:

E. C. MEYER
General, United States Army
Chief of Staff

Official:
J. C. PENNINGTON
Major General, United States Army
The Adjutant General

DISTRIBUTION:
To be distributed in accordance with DA Form 12-51, Organizational Maintenance requirements for AN/GRC-50.

best copy available

☆U.S. GOVERNMENT PRINTING OFFICE: 1990 - 262-912/30687